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Lancaster Farming

VOL. 30 No. 41 | Six Sections | Lancaster Farming, Saturday, August 17, 1985 | $7.50 per Year

Ag Progress Days open three-day run Tuesday

Penn State to host annual event through Thursday at Rock Springs

Scenes from last year's Ag Progress Days at Rock Springs.

BY JAMES H. EVERHART

ROCK SPRINGS — For a glimpse of agriculture's future, as well as its past, Rock Springs is the place to be next week.

Penn State University will host its annual "Ag Progress Days" extravaganza in this Centre County village, located nine miles southwest of State College.

Last year's event, held at the same location, drew an estimated 75,000 visitors. With hundreds of exhibitors, as well as thousands of expected visitors, this year's edition promises to be bigger and better than ever.

The three-day event, which opens Tuesday, will feature education and entertainment for the whole family. As always, the university's College of Agriculture has gone out of its way to plan a program that will have items appealing to all of the state's diverse agricultural interests.

There will be seminars and lectures, outings and tours, demonstrations and equipment displays. Not surprisingly, more than 300 exhibitors will be on hand to show their latest product or service to the throngs.

A new building will be inaugurated, and will house the computer displays that have given this year's edition its theme.

Visitors can also look forward to seeing the specialists' tent, where they can play "Ask the Experts" under a design that looks as if it belongs in a Broadway play.

And journalists, accustomed to typing their Ag Progress Days accounts in less than luxurious accomodations, will find a new spot to compose their thoughts.

All in all, visitors, friends, and exhibitors alike will find Ag Progress Days taking on the trappings of success one would expect from the state's No. 1 industry.

Lancaster Farming's coverage of this event includes a summary of the highlights and a pull-out guide at the center of section E.

It also includes a variety of stories on programs and activities, including:

- Family living exhibits, which, among other things, feature a computer that visitors can actually use to examine the cost-effectiveness of various home economies — as well as their stress-producing potential. For more, turn to page B14.
- Reviews of the latest research, like embryo-transfer technology, medical-veterinary breakthroughs, and so on. Two key items are discussed on page F2.
- Highlights of Centre County. While you're in the area, you might as well take in some of the sights. A Lancaster Farming reporter discusses some of them on page F6.
- Computers, the latest in equipment and in specialized agricultural programs, will be on display at the new building on the Ag Progress location. For a description of the displays, see page F8.
- Good, old-fashioned family fun, including free gifts, programs for children, and a variety of food stands. Turn to page F8 for more information.

You'll also see photo recaps of last year's event, like the one on this page. And you'll find information from our advertisers about their displays and events.

As far as Pennsylvania agriculture is concerned, all roads truly lead to Rock Springs next week. For those who attend, they'll have the opportunity to see how the state's No. 1 industry has come of age.

Livestock market and auction news

Lancaster Market

Monday, August 12
Report Supplied by USDA

	Cattle	Calves	Hogs	Sheep	Goats
Today	1366	155	517	589	
Last Monday	1264	130	488	787	
Last Year	1541	145	776	481	
Monday's Auction	1287	162	535	302	365
Last Monday's Auction	1281	131	488	628	248

CATTLE: Slaughter steers 50-1.00 lower, or as much as 1.50 lower than last Monday; slaughter heifers fully steady; cows 1.00-1.50 higher: bullocks and bulls 1.00-2.00 higher. Supply included 72% slaughter steers, 16% slaughter heifers, 5% cows, and 7% bulls.

SLAUGHTER STEERS: High Choice and Prime 2-4 1120-1350 lb. 52.00-53.50, few head 53.50-55.00; Good and Choice 1-2 1075-1425 lb 53 50-54.75; Choice 2-4 1070-1350 lb. 50 75-53.25, several 53.25-53.75; high Good and low Choice 2-3 1000-1350 lb. 49.00-52.00; Good 2-3 45.00-48 00; Good and Choice 1150-1500 lb Holsteins 43.25-45.25, few Choice 45.50-47.25, Standard and low Good 1100-1300 lb. 42.50-44.00.

SLAUGHTER HEIFERS: Choice 2-3 900-1150 lb. 48.50-52.00, few head mainly yield grade 2 52.00-52.50; Good 2-3 900-1100 lb. 45.50-48.00, few 630-800 lb. 43.00-45.00.

COWS: Breaking Utility and Commercial 2-4 38.50-39.50, few 40.00-41.00; Commercial 3-4 beef breed 36.50-38.00; Cutter and Boning Utility 1-3 36.50-38.50; Canner and low Cutter 35.00-36.50.

BULLOCKS: Choice 1-3 1050-1250 lb. 50.00-51.50, couple 52.25-53.25; Good 1-2 1000-1200 lb. 47.00-50.00.

BULLS: Yield grade 1 1250-1800 lb. 48.00-52.00, few 52.00-53.25; yield grade 2 1000-1350 lb. 44.25-48.50.

VEAL CALVES: Vealers steady to 5.00 lower. Demand good for Holstein bulls to return to farm.

VEALERS: High Choice and Prime 160-320 lb. 90.00-105.00; Choice 160-320 lb. 75.00-90.00; high Good and low Choice 160-350 lb. 55.00-75.00, 120-160 lb. 50.00-65.00, 80-115 lb. 45.00-50.00.

RETURNED TO FARM: Bulk 100-125 lb. Holstein bulls 50.00-60.00.

SHEEP: Spring lambs 3.00-5.00 higher, with some 45-60 lb. buck lambs 10.00-20.00 higher; slaughter ewes uneven, 80-115 lb. 10.00-20.00 higher, weights over 120 lb. fully steady.

SPRING LAMBS: High Choice and Prime 80-110 lb. 65.00-70.00; Choice 65-95 lb. 60.00-65.00, 45-60 lb. buck lambs 90.00-100.00 couple 100.00-115.00, 45-60 lb. ewes 70.00-90.00; Good 60-85 lb. 50.00-60.00.

SLAUGHTER EWES: Good 80-115 lb. 30.00-50.00, 120-220 lb. 20.00-30.00; few 80-140 lb. yearlings 45.00-60.00; Utility and Good 120-250 lb. bucks 30.00-40.00, few 40.00-50.00.

GOATS: All goats sold by the head; generally steady; instances 5.00 higher. Large mature 45.00-60.00; Medium 30.00-45.00; Small 15.00-30.00.

Vintage Market

Tuesday, August 13
Report Supplied by USDA

	Cattle	Calves	Sheep	Goats
Today	1096	1034	18	1
Last Tuesday	1325	935	13	1
Last Year	1154	1033	14	1

CATTLE: Compared to last Tuesday slaughter steers 1.00-2.00 lower; slaughter heifers steady; cows 1.00-2.00 higher; bulls scarce. Supply included 72 percent slaughter steers and 25 percent cows.

SLAUGHTER STEERS: High Choice and Prime 2-4 1225-1425 lb. 52.00-54.00, few 54.00-55.00, five head 56.25-58.00, 4-5 1300-1525 lb. 45.75-50.50; Good and Choice 1-2 1175-1325 lb. 54.00-55.25, couple 55.25-56.25; Choice 2-4 1100-1450 lb. 51.50-53.85, several lots 2-3 54.00-54.25, 4-5 1275-1475 lb. 46.00-50.50; high Good and low Choice 2-3 950-1200 lb. 47.75-52.00; Good and Choice 1100-1300 lb. Holsteins 43.25-45.00.

SLAUGHTER HEIFERS: Few Choice 2-3 1230-1485 lb. 50.75-52.75.

COWS: Breaking Utility and Commercial 2-4 37.25-40.00, few 40.00-40.50; Cutter and Boning Utility 1-3 35.75-39.50, several 39.75-41.50, couple 41.75-42.50; Canner and low Cutter 34.00-37.00, few 32.00-34.00.

BULLS: Yield grade 1-2 1325-1550 lb. 44.50-50.00.

VEAL CALVES: Vealers mostly steady. Supply included 591 in graded sale of which 57 percent sold to return to farm.

VEALERS: Few low Choice 180-250 lb. 70.00-77.00; high Good to low Choice 160-250 lb. 54.00-70.00, 115-160 lb. 48.00-60.00, 90-115 lb. 37.00-43.00, 65-85 lb. 30.00-38.00.

RETURNED TO FARM. 225 head 100-125 lb. Holstein bulls 62.00-72.00, 50 head 90-95 lb. 44.50; 70 head small frame 100-115 lb. 43.50-47.00.

SHEEP: Insufficient volume for a market test; few Choice 55-95 lb spring lambs 68.00-74.00.

GOATS: No test.

Lancaster Auction

Wednesday, August 14
Report Supplied by USDA

	Cattle	Calves	Hogs	Sheep
Today	309	25	304	12
Last Wednesday	510	13	431	21
Last Year	199	24	706	4
Wednesday's Auction	337	36	262	0
Last Wednesday's Auction	390	20	412	21

CATTLE: Compared to Monday slaughter steers generally steady; cows weak to 1.00 lower; slaughter heifers and bulls not tested. Supply included 78 percent slaughter steers and 15 percent cows.

SLAUGHTER STEERS: One lot Choice 2-3 1150 lb. 54.35; Choice 2-4 1020-1370 lb. 51.00-53.10; high Good and low Choice 2-3 1025-1200 lb. 49.75-51.25; few Good 2-3 47.50-48.25; few Good and Choice 1100-1525 lb. Holsteins 41.00-44.25.

SLAUGHTER HEIFERS: Few Good and Choice 2-3 960-1025 lb. 48.00-50.25.

COWS: Few Breaking Utility 2-3 36.25-38.75; Cutter and Boning Utility 1-3 36.25-38.00, couple 38.50-39.00; Canner and low Cutter 33.00-35.50.

BULLS: Yield grade 1 1400-1815 lb. 48.00-50.25; couple yield grade 2 1100-1500 lb. 45.00-47.00; couple Good 2 970-1070 lb. Bullocks 47.25-48.00.

VEAL CALVES: Insufficient volume to fully test trends; few 90-115 lb. high Good and low Choice 40.00-50.00; few 120-150 lb. Hereford bulls returned to farm at 50.00-60.00.

SHEEP: None.

New Holland Livestock

New Holland, Pa.
Thursday, August 15

CATTLE: 905. Compared to last Thursday slaughter steers firm to 50 higher; slaughter heifers not fully tested; cows fully steady; bullocks scarce; bulls 1.00-2.00 higher Supply included 61 per cent slaughter steers and 30 percent cows.

SLAUGHTER STEERS: High Choice and Prime 3-4 1125-1400 lb. 52.00-54.00, few 4-5 1300-1450 lb. 48.00-51.50; Good and Choice 1-2 1150-1350 lb. 53.50-54.25, couple 55.00-55.10; Choice 2-4 1050-1425 lb. 50.75-53.75, few head 54.00-54.75; 4-5 1275-1550 lb. 45.00-50.50; high Good and low Choice 2-3 1000-1350 lb. 48.00-52.25; few Good 2-3 47.00-49.25; Good and Choice 1100-1350 Holsteins 42.75-45.25.

SLAUGHTER HEIFERS: Few Good 2-3 875-1150 lb. 44.00-48.00, couple Choice 2 970-1050 lb. 52.00-53.75.

COWS: Breaking Utility and Commercial 2-4 38.00-39.25, couple 39.75-41.25; Cutter and boning Utility 1-3 35.75-38.50, few 38.50-39.00; Canner and low Cutter 32.75-35.75.

BULLOCKS: Couple Good and Choice 1-2 1050-1275 lb. 48.75-51.00.

BULLS: Yield grade 1 1350-1900 lb. 48.50-51.00, couple 51.75-52.00, yield grade 2 1000-1450 lb. 46.00-48.50.

VEAL CALVES: 692. Vealers mostly steady, instances 4.00 higher on high Good and low Choice. Demand fair for Holstein bulls to return to farm.

VEALERS: Few High Choice and Prime 265-300 lb. 100.00-107.00; Choice 160-300 lb. 78.00-98.00; high Good and low Choice 160-300 lb. 65.00-78.00, 115-160 lb. 55.00-65.00, 80-110 lb. 48.00-55.00.

RETURNED TO FARM: Bulk 95-120 lb. Holstein bulls 55.00-70.00, few 70.00-76.00.

SHEEP: 144. Spring lambs and slaughter ewes mostly steady.

SPRING LAMBS: Choice 80-115 lb. 65.00-70.00, 50-70 lbs. 72.00-80.00, few 34-45 lb. buck lambs 101.00-112.00; Good 60-90 lb. 52.00-63.00.

SLAUGHTER EWES: Utility and Good 19.00-25.00, couple bucks 37.00-44.00.

GOATS: 26. All goats sold by the head, few large mature 43.00-56.00, few medium 27.00-30.00, bulk of supply small at 13 00-22.00.

Lancaster County Weekly

Friday, August 16
Report Supplied by PDA

	Cattle	Calves
This Week	4000	1920
Last Week	4963	1754
Last Year	4483	2013

CATTLE: Sl. steers firm to .50 higher than last week's close; sl. heifers firm to .50 higher; cows fully steady, few early sales 1.00 higher; bullocks and bulls 1.00 to 2.00 higher. Supply included 63 per cent sl. steers, 7 per cent sl. heifers, 17 per cent cows, 4 per cent bulls, balance feeders.

SLAUGHTER STEERS: High Choice & Prime 2-4 1120-1425 lbs 52.00-54.00, few 54.00-55.00, 5 head 56.25-58.00; 4-5 1300-1525 lbs. 45.75-51.00; Good and Choice 1-2 1075-1350 lbs. 53.50-55.25, couple 55.50 to 56.25; Choice 2-4 1050-1425 lbs. 50.75-53.75, several lots mostly 2-3 54.00-54.50; 4-5 1275-1550 lbs. 45.00-50.50; high Good & low Choice 2-3 1000-1350 lbs. 47.75-52.25, few Good 2-3 45.00-49.00; Good and Choice 1100-1500 lb. holsteins 42.75-45.25, few Choice 45.50-45.75; Standard & low Good 1100-1300 lbs. 40.50-43.50.

SLAUGHTER HEIFERS Choice 2-3 900-1200 lbs. 48.50-52.75, couple Choice Grade 2 52.75-53.75; Good 2-3 900-1100 lbs. 45.50-48.00, 630-800 lbs. 43.00-45.00.

COWS: Breaking Utility & Commercial 2-4 37.50-39.50, few 40.00-41.25, Commercial 3-4 beef breed 36.50-38.50, Cutter & Boning Utility 1-3 35.75-39.00, several 39.50-41.50, Canner & low Cutter 32.75-36.00.

BULLOCKS: Choice 1-3 1050-1250 lbs. 49.50-51.50, couple 52.25-53.25; Good 1-2 1000-1200 lbs. 47.00-50.00.

BULLS: Yield Grade 1 1250-1900 lbs. 48.00-52.00, few 52.00-53.25; Yield Grade 2 1000-1350 lbs. 44.25-48.50.

VEAL CALVES: Vealers mostly steady, instances 2.00 higher on high Good & low Choice. Demand fair for holstein bulls to return to farm.

VEALERS: few high Choice & Prime 250-300 lbs. 100.00-107.00; Choice 160-320 lbs. 75.00-98.00; high Good & low Choice 160-350 lbs. 55.00-78.00, 120-160 lbs. 50.00-65.00, 80-115 lbs. 37.00-50.00, several 50.00-55.00, few 65-85 lbs. 30.00-40.00.

RETURNED TO FARM: Bulk 95-125 lb. holstein bulls 55.00-72.00, few 70.00-76.00, several 95-115 lb small frame 43.50-52.00.

Open 24 hours a day
365 days a year
(717) 394-2611

LANCASTER STOCK YARDS

AUCTIONS

MONDAY
9:00 A M —Slaughter Bulls, Heifers, Steers, Cows
10 00 A.M. —Goats, Veal Calves, Lambs
12 Noon —Slaughter Hogs

TUESDAY
9 00 A M —Slaughter Hogs
1 00 P M —Feeder Pigs

WEDNESDAY
8.00 A.M. —Slaughter Hogs
10 00 A.M —Slaughter Bulls, Heifers, Steers, Cows
11 00 A M —Veal Calves, Lambs

FRIDAY
11:00 A M. —Stocker and Feeder Cattle

SATURDAY
8:00 A.M. —Slaughter Hogs

ATTENTION CATTLE FEEDERS
Every Wednesday at 12 Noon:
LOADLOT Fat Cattle Sale — 10 or more per lot — All cattle for LOADLOT Sale must arrive by 9:00 A.M. — All cattle sold in order of arrival at market.

LANCASTER STOCKYARDS, INC.
1147 Lititz Pike Lancaster, Pennsylvania 17601
Serving The Community For 90 Years

HAY, STRAW & CORN — SALE —
Every Friday at 12 Noon
GREEN DRAGON MARKET & AUCTION
RD No. 4 Ephrata, Pa. 717-738-1117
1 mile North of Ephrata on N. State St.
Out of State Buyers - Cash or Certified Check Only

VINTAGE SALES STABLES, INC.
Sale Every Tuesday
10:30 A.M.
Slaughter Cattle Auction - Steers, Bulls, Heifers, Cows, Feeder Cattle.
Get calves in early. We start to grade and weigh at 2:00
Sale Every Saturday
9 A.M.
Hog Sale
Business Phone
717-768-8204
Home Phone
215-458-8518
L. Robert Frame, Manager
Box 100 Paradise, PA
10 miles East of Lancaster on Rt 30

B&R CATTLE CO.
RD1, Marietta, PA 17547
Office Phone (717) 653-8164
Specializing In Stockers & Feeders
JOHN BOWMAN
Ph (717) 653 5728
RON RANCK
Ph (717) 656 9849

LEBANON VALLEY LIVESTOCK MARKET, INC.
1 mile East of Fredericksburg along Route 22
PHONE:
JONESTOWN
865-2881
Flea Market Auction every Tuesday at 12:30. Tools, Eggs, Produce, etc
Buyers & Sellers Welcome

THINK AHEAD...
Read Futures Markets on Page 3.

HOG MARKETS

Lancaster Hogs
Lancaster Stockyards
Monday, August 12
Report supplied by USDA

HOGS: Compared to last Wednesday barrows and gilts firm to 50 higher; sows 1.00-2.00 higher.

BARROWS AND GILTS: US 1-2 210-240 lb. 46.00-47.00, 200-210 lb. 45.25-46.00. US 1 210-250 lb. 47.50-49.00. US 1-3 210-260 lb. 45.00-46.00. US 1-2 300-500 lb. 35.00-37.50. US 1-3 500-650 lb. 35.50-39.00, few 39.00-39.85.

Tuesday, August 13

Today	179
Last Tuesday	121
Last Year	131

TREND: Small supply barrows and gilts 50-75 lower.

BARROWS AND GILTS: US 1-2 210-250 lb. 45.35-46.25. US 1 Couple lots 220-240 lb. 46.25-46.50.

Wednesday, August 14

HOGS: Compared to Monday barrows and gilts 1.00 to mostly 1.50 lower.

BARROWS AND GILTS: US 1-2 215-245 lb. 44.50-45.50. US 1 215-240 lb. 46.50-47.50. US 1-3 215-260 lb. 44.00-44.50, 200-215 lb. 42.00-44.00, 165-185 lb. 35.75-36.75.

New Holland Feeder Pigs
New Holland, Pa.
Wednesday, August 14
Report supplied by Auction

Today	730
Last Wednesday	930
Last Year	478

TREND: Compared to last Wednesday feeder pigs weak to 4.00 lower, instances 10.00 lower on 50-60 lb. All pigs weighed on arrival and sold by the hundred weight.

US 1-2: 11 head 22 lbs. 96.00; 303 head 25-39 lbs. 81.00-91.00; 111 head 40-49 lbs. 74.00-90.00; 197 head 50-56 lbs. 72.00-80.00; 16 head 77 lbs. 66.00.

New Holland Hogs
New Holland Sales Stables
Monday, August 12
Report supplied by USDA

Today	1612
Last Monday	1423
Last Year	1515

TREND: Compared to last Monday barrows and gilts 2.00-2.50 higher.

BARROWS AND GILTS: US 1-2 210-250 lb. 46.75-48.00, Couple lots 48.25. US 1 210-250 lb. 48.50-49.00. US 1-2 200-260 lb. 46.00-47.00.

Lancaster Hogs
Lancaster Stockyards
Saturday, August 10
Report supplied by auction

1100 head.

US 1: 215-260 lb., 48.50-49.75; US 1&2: 215-245 lb., 47.50-48.25; US 1&3: 210-250 lbs., 47.00-47.50; US 2&4: 220-260 lb., 46.00-46.75.

Lancaster Feeder Pigs
Tuesday, August 13
Report supplied by USDA

Today	678
Last Tuesday	320
Last Year	901

TREND: Compared to last Tuesday feeder pigs mostly steady, instances 5.00 lower on US 1-2. All pigs weighed on arrival and sold by the hundred weight.

US 1-2: 13 head 28 lbs. 103.00; 86 head 36-39 lbs. 88.00-98.00; 186 head 41-49 lbs. 77.00-87.00; 149 head 50-59 lbs. 73.00-79.00.

US 2: 74 head 25-39 lbs. 75.00-83.00; 114 head 40-49 lbs. 69.00-76.00; 8 head 57 lbs. 57.00.

Indianapolis Hogs
Thursday, August 15
Report supplied by USDA

600 - Barrows & gilts moderately active, 1.00 higher.

BARROWS & GILTS: US 1-3 220-250 lbs. 45.50-45.75, 25 head 46.00; US 2-3 200-260 lbs. 44.50-45.75, bulk 45.00-45.75.

SOWS: Moderately active; under 600 lb. 2.00 lower t/last test; over 600 lb. firm to 50 higher. (17%). US 1-3 380-525 lbs. 34.00-36.00; US 2-3 600-675 lbs. 38.00-41.50.

BOARS: Few 250-600 lb. 32.00-33.00.

St. Louis Hogs
Thursday, August 15
Report supplied by USDA

3000. Barrows & gilts active, 50-1.00, mostly 75-1.00 higher.

BARROWS & GILTS US 1-2 220-260 lbs. 45.00-45.25, 150 head 45.50; 200-220 lb. 44.50-45.00; US 1-3 200-260 lbs. 44.25-44.75.

SOWS: Steady to 25 higher, advance on weights under 500 lb. (About 75%). US 1-2 300-500 lbs. 37.25-37.50; US 1-3 over 500 lb. 38.00-40.00.

BOARS: Over 300 lb. 34.50; under 300 lb. 34.00-34.50, package 35.00.

Peoria Hogs
Thursday, August 15
Report supplied by USDA

2000. Barrows & gilts moderate, firm to mostly 50 higher.

BARROWS & GILTS: US 1-2 220-250 lbs. 44.00-45.00, 80 head 45.25; US 1-3 220-250 lb. 43.50-44.50; 200-220 lb. 40.50-43.50.

SOWS: Under 500 lb. steady; over 500 lb. 2.00 higher. (18%). US 1-2 350-500 lbs. 36.00-36.50; US 1-3 500-650 lbs. 39.00-40.00, mostly 39.50.

BOARS: Over 350 lb. 35.00-35.25; under 350 lbs. 34.00-35.00.

Hackettstown Poultry & Egg
Hackettstown, N.J.
Wednesday, Aug. 13
Report Supplied by Auction

Heavy Fowl: .10-.35.
Leghorn Fowl: .5-.15.
Bantams: .45-.55.
Medium Broilers: .40-.70.
Roasters: .25-.40.
Pullets: 1.10.
Roosters: .15-1.10.
Turkey: 1.45-1.75.
Geese: .40-.60.
Ducks: .40-1.10.
Rabbits: .20-.90.
Pigeons: 1.00-2.00.
Guineas: 1.60-2.20.

Eggs

Grade A: White Jumbo X Lge. .56-.80, Brown .86-1.00.

Grade A: White Large .51-.71, Brown .75-.98.

Grade A: White Medium .44-.60, Brown .57-.75.

Grade A: White Small .41, Brown .46.

Leinbach's Farm Market Farmer's Wholesale Produce Auction Report
August 8, 10, 13

Sm. Cantaloupes, .13-.22; Med. Cantaloupes, .20-.55; Lg. Cantaloupes, .18-.91; Fresh Tomatoes, 25 lbs, 2.00-6.50; Green Beans, 3.00-6.00/bushel; Lima Beans, 8.00-8.75; Cucumbers, 2.50; Watermelons, 15 lbs., .45-.85, 25 lbs., 1.00-1.60; 30 lbs., 1.50-2.50; White Corn, .50-1.10/doz.; Yellow corn, .15-.60/doz.

U.S. Inspected Livestock Slaughter

Estimated Daily Livestock

CATTLE	CALVES	HOGS	SHEEP
Week To Date (Est.)			
518,000	48,000	1,216,000	96,000
Same Pd. Lt. Wk. (Est.)			
499,000	47,000	1,234,00	92,000
Same Pd. Lt. Yr. (Act)			
539,000	50,000	1,112,000	101,000

Chicago Grain Futures

(Closing Bids as of Thursday, August 15)

Mo.	Corn	Wheat	Soybeans	Soybean Meal
Aug.			5.32¼	124.50
Sept.	2.34½	2.98¼	5.21¼	125.40
Nov.			5.24¾	
Dec.	2.27½	3.11		129.90
Jan.'86			5.32½	131.30
Mar.'86	2.35¾	3.15¾	5.42	134.00
May '86	2.40	3.04½	5.48½	135.00
July '86	2.40¼	2.82	5.51¾	137.80

Trends - Corn - Stronger; Wheat - Stronger; Soybeans - Stronger; Soybean Meal - Sideways.

Futures Trading

(Closing Bids as of Thursday, August 15)

Mo.	Chicago Cattle	Chicago Hogs	NY Maine Potatoes
Aug.	55.30	43.80	
Oct.	57.15	38.20	
Nov.			2.15
Dec.	58.52	40.80	
Feb. 86'	59.20	42.27	
Apr. 86'	60.00	39.30	
May 86'			2.75
June 86'	61.05	42.05	

Trends - Cattle - Weaker; Hogs - Weaker.

ATTENTION CATTLE CONSIGNORS
LOAD LOT SALES
EVERY WEDNESDAY

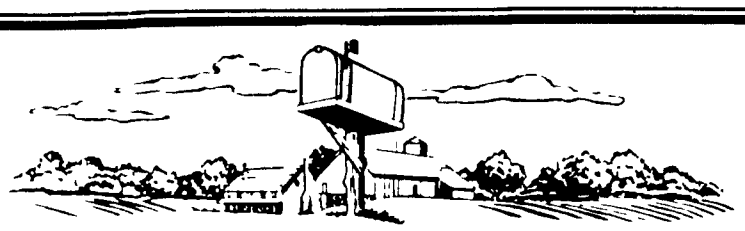
Because of buyer demand, every Wednesday beginning at 12 NOON, we will sell fed cattle in load lots of 10 or more.

Consign your cattle to us on any Wednesday convenient to you. Load lot cattle should be checked in by 9:00 A.M. The buyers are here! The demand is good!

FEEDER PIG SALE
Every Tuesday, Starting at 1:00 P.M.
PLEASE NOTE: All pibs to be graded MUST BE here by 11:30 A.M.

Walter M. Dunlap and Sons
Lancaster Stockyards
Tel. (717) 397-5136

An Old Line Commission Firm Keeping Abreast With The Times



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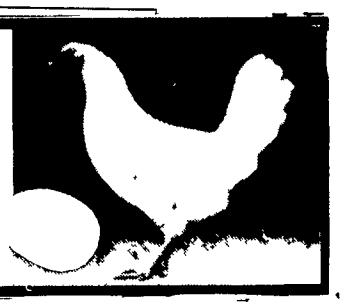
POULTRY MARKETS



N.E. Weekly Shell Egg Report

Tuesday, August 13
Report Supplied by USDA

Prices paid per dozen Grade "A" Brown eggs in cartons delivered to retail stores:

	Ex. Large	Large	Medium	Small
N. HAMP.	.83-.87	.79-.83	.58-.62	.43-.47
Mostly	.85-.86	.81-.82	.60-.61	.45-.46
R.I.	.84-.89	.80-.85	.60-.65	.44-.49
Mostly	.84-.85	.80-.81	.60-.61	.44-.45
VERMONT	.92-.98	.88-.94	.70-.74	
Mostly	.94	.90	.70	
MAINE	.92-.96	.88-.92	.67-.72	.52-.55.

X Includes Central and Western Sections only.

Philadelphia Eggs

Thursday, August 15
Report supplied by USDA

Market Comment: Prices were unchanged to one cent higher. Demand for cartoned eggs was fair. Interest for bulk packed large and extra large was moderately good as some outlets supplement needs due to some flocks still being molted. also, breaker buying interest has turned active with higher prices paid for class one equalled quality. Floor stocks were no more than adequate. A few quarter's lighter egg sizes starting to develop due to the very hot weather.

Prices to retailers: sales to volume buyers, consumer grades white eggs in cartons delivered store door:

A Extra Large .68-.70; A Large .67-.69; A Medium .56-.58.

Eastern Pa. & N.J. Poultry

Wednesday, August 14
Report supplied by USDA

Market Comment: Prices generally trended as much as two cents lower. Major price resistance developed on bulk fowl meat as further processors have begun to use broiler and fryer meat in place of fowl meat. The undertone on live fowl prices have shifted to a weak position. Demand for live fowl was lighter, and producer offerings were adequate.

Prices Paid at Farm:

Light Type Hens: .18-.20.50, mostly .18-.19.

F.O.B. Plant: .20-.21.

Heinsey's Poultry Market

Root's, East Petersburg
Tuesday, August 13
Report supplied by auction

MUSCOVY DUCKS, DRAKES: range 1.20-1.62 per lb.

MUSCOVY DUCKS, HENS: range .70-.94 per lb.

PEKIN DUCKS: range .30-.46 per lb.

RED FOWL: 4-5 lbs. range .12-.36 per lb.

RED FOWL: 5-6 lbs. range .32-.48 per lb.

CROSSBRED FOWL: 5-10 lbs. range .10-.32 per lb.

CROSSBRED ROOSTERS: 4-6 lbs. range .60-1.22 per lb.

CROSSBRED ROOSTERS: 7-11 lbs. range .32-.72 per lb.

GUINEA FOWL: range 2.90-3.40 per lb.

BANTY ROOSTERS: range 2.50-6.00 ea.

BANTY HENS: range .25 ea.

LEGHORN HENS: range .07-.10 per lb.

LEGHORN ROOSTERS: range .22-.34 per lb.

GEESE: 8-14 lbs. range .20-.50 per lb.

PIGEONS: range .90-1.40 ea.

WHITE PIGEONS: range 1.50-2.00 ea.

SILKIES: range 3.50-6.00 ea.

DOVES: range 2.50-4.25 ea.

RABBITS: 4-6 lbs. range .32-.80 per lb.

RABBITS: 7-11 lbs. range .20-.48 per lb.

BUNNIES: .75-1.50 ea.

GUINEA PIGS: range .25-1.00 ea.

GOATS: range 22.00-36.00 ea.

KID GOATS: range 18.00-27.00 ea.

Total Number Coops: 820.

Weekly New York Egg Market National Quotes

From Friday, August 9 to Thursday, August 15

	Fri.	Mon.	Tues.	Wed.	Thurs.
WHITE					
Jumbo	.80	.80	.81	.81	.83
Ex. Large	.75	.75	.76	.76	.78
Large	.70	.70	.71	.71	.73
Medium	.60	.60	.61	.61	.63
Pullets	.50	.50	.51	.51	.52
Off Grade	.65	.65	.66	.66	.68
BROWN					
Jumbo	—	—	—	—	—
Ex. Large	.88	.88	.88	.88	.90
Large	.83	.83	.83	.83	.85
Mediums	.63	.63	.63	.63	.65
Pullets Unquoted					
Peewees Unquoted					
Off Grade					
Undergrades	.40	.40	.41	.41	.42
Checks	.38	.35	.39	.39	.40

Northeast Breaking Stocks

Friday 44.00-47.00; Tuesday 45.00-48.00; Thursday 45.00-49.00.

Delmarva Poultry

Thursday, August 15
Report supplied by USDA

Market Comment: Movement on ready to cook whole birds was fair to good with satisfactory clearances in most quarters. Breasts were well-cleared, while dark meat items were fully adequate to ample and were forced in some quarters. Slaughter schedules were heavy. Hot, humid weather was increased the number of DOA's, but plants have reported these increases as minor. Also the effects on weights and grade-outs were not of any significance today but were projected to-be a factor particularly if hot weather continues. Live supplies were adequate at irregular weights. Undertone ranges from steady to firm.

Today's L.T.L. asking prices were 1 cent higher on U.S. Grade A at 49-56 cents.

Estimated slaughter of broiler fryers in Delmarva (000).

Estimated 8/15 2,005,000; Actual 8/8 1,913,000.

Actual 8/13 1,999,000; Average Weights 8/13 4.27; Average Weights 8/6 4.32.

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New York Multiple Drop Broiler Report

Thursday, August 15
Report supplied by USDA

Current broiler-fryer negotiated prices for immediate delivery includes mostly multiple drop shipments to New York City from Delmarva.

Range: U.S. Grade A .47-.55.

Weighted AVG.: U.S. Grade A 52.42.

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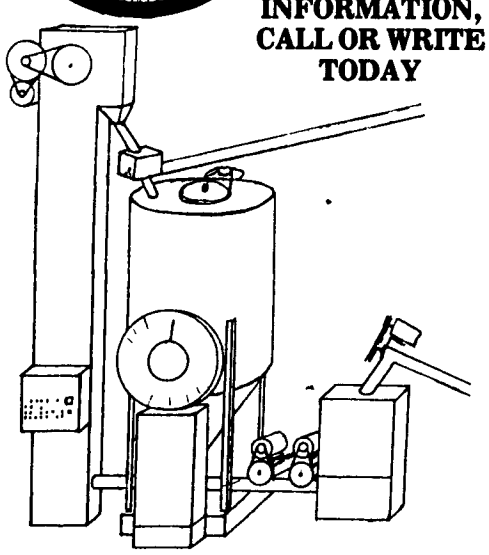

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August 20-22

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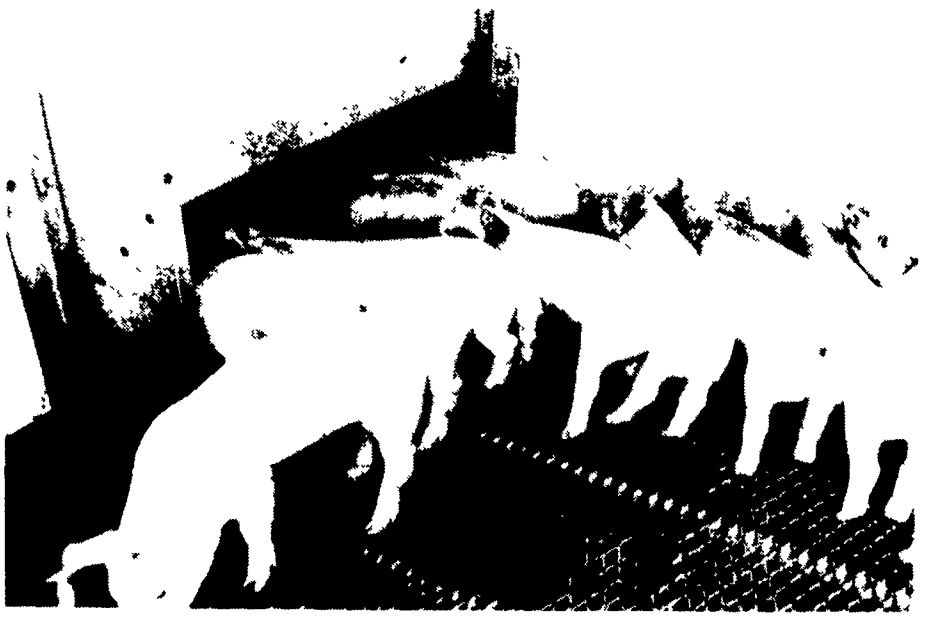

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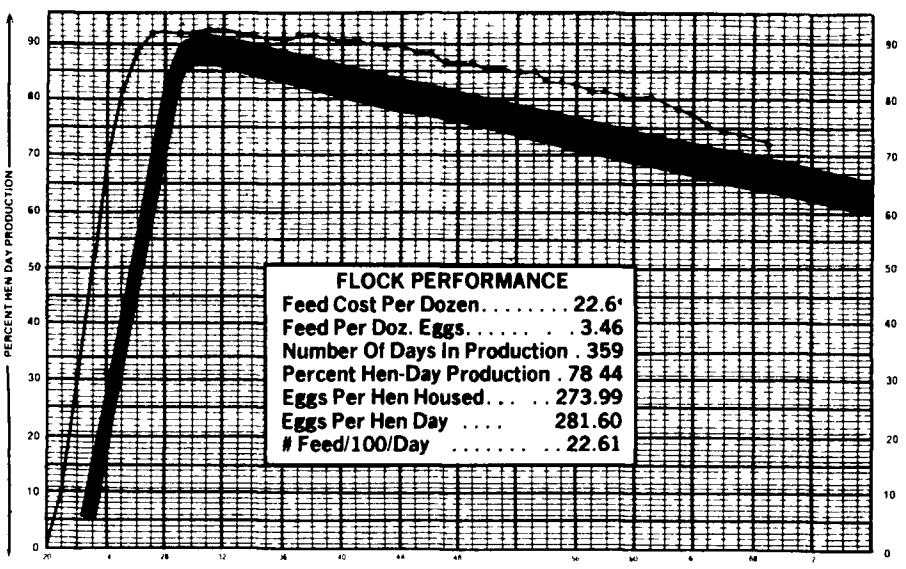
PERCENT HEN DAY PRODUCTION
FLOCK PERFORMANCE
Feed Cost Per Dozen..... 22.6¢
Feed Per Doz. Eggs..... 3.46
Number Of Days In Production . 359
Percent Hen-Day Production . 78 44
Eggs Per Hen Housed..... 273.99
Eggs Per Hen Day 281.60
Feed/100/Day 22.61

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HAY MARKETS

Green Dragon Hay
Friday, August 9
Report supplied by PDA

51 Lds. Hay, 24 Lds. Straw & 19 Ear Corn.

Alfalfa 69.00-87.00; Mixed Hay 30.00-120.00, mostly 45.00-90.00; Timothy Hay 56.00-102.00, mostly 65.00-93.00; Clover few 56.00-75.00; Orchard Grass Reed Canary grass one Ld. 55.00; Straw 46.00-61.00, one load 70.00; Ear Corn 73.00-85.00; Oats one load 1.30 per bushel.

Belleville Livestock Auction
Belleville, Pa.
Wednesday, Aug. 7
Report supplied by PDA

13 Lds. Hay & 7 Lds. Straw.

Alfalfa few 65.00-75.00; Mixed Hay few 40.00-70.00; Straw 47.50-65.00.

King's Hay
Kirkwood, Pa.
Tuesday, Aug. 6 & 13
Report supplied by Auction

Alfalfa & Mix 55.00-80.00; Mixed Hay 61.00-73.00; Timothy & Mix 55.00-60.00; Clover, 49.00-52.00; Ear Corn, 80.00-86.00; no Straw offered.

Leinbach's Hay
Shippensburg, Pa.
Tuesday, August 13
Report supplied by auction

Alfalfa Hay, 55.00-64.00; Mixed Hay, 32.50-60.00; Clover, 39.00-56.00; Straw, 40.00-60.00; Corn, 80.00-80.50, Mulch Hay, 25.00-35.00; Rye, 3.65/bu.

Dewart Livestock Auction
Dewart, Pa.
Monday, Aug. 5
Report supplied by PDA

3 Lds. Hay, 6 Lds. Straw & 1 Ear Corn.

Mixed Hay 2 Lds. 40.00 & 45.00; Clover one load 51.00; Straw 40.00-46.00; Ear Corn 71.00.

Pa. Grain
Monday, August 12
Report supplied by PDA

Compared with last Monday's market for Southeastern, Central and South Central Pa. Corn steady to 10 cents lower; Wheat uneven mostly steady to 5 cents lower; Barley steady; Oats steady to 15 cents lower; Ear Corn uneven, mostly steady to $5 lower.

Prices paid delivered to dealers dock - (All prices per bushel, except Ear Corn per ton.)

Southeastern Pennsylvania

Corn No. 2-y range 2.50-3.00 mostly 2.60-2.85, average 2.75, New Crop* 2.13-2.32; *@Wheat No. 2 range 2.55-2.81, average 2.72; Barley No. 3 range 1.45-1.65, average 1.54; Oats No. 2 range .90-1.20, average 1.00; Soybeans No. 1 range 4.90-5.15, average 5.00, New Crop* 4.90; *Gr. Sorghum #2 New Crop* 2.10, Ear Corn range 70.00-82.00, average 76.23.

Central Pennsylvania

Corn No. 2-y range 2.50-2.85, average 2.72; *@Wheat No. 2 range 2.50-2.95, average 2.70; Barley No. 3 range 1.45-1.70, average 1.58; Oats No. 2 range .90-1.00, average 93; Soybeans No. 1 *4.50-4.80, average 4.70; Ear Corn range 70.00-75.00, average 71.33.

South Central Pennsylvania

Corn No. 2-y range 2.50-2.85, average 2.66; @Wheat No. 2 2.60-2.75, average 2.66, Barley No. 3 1.50-1.65, average 1.54; Oats No. 2 range .90-1.10, average 1.03; Ear Corn range 60.00-71.00, average 67.50.

Western Pennsylvania

Corn No. 2-y range 2.62-2.80, average 2.72; @Wheat No. 2 range 2.62-2.80, average 2.69; Oats No. 2 .80-1.30, average 1.06; Ear Corn range 65.00-72.00, average 68.50.

Southeastern, Central & South Central Summary

Corn No. 2-y range 2.50-2.85, average 2.72; @Wheat No. 2 2.55-2.90, average 2.70; Barley No. 3 range 1.45-1.70, average 1.55; Oats No. 2 range .90-1.10, average .97; Ear Corn range 65.00-82.00 average 72.33.

Belknap Livestock
Dayton, Pa.
Wednesday, August 14
Report Supplied by PDA

CATTLE 60. Compared with last week none. Sl. bulls One Standard 42.00, One Utility 40.50. One Good 43.75, Few Standard 39.00-43.00, Few Breaking Ut. & Commercial sl. cows 37.75-39.75, Cutter & Boning Ut. 35.00-37.50, Canner & Low Cutter 29.75-34.75, Few Utility 42.00-43.00. Few Yield Grade No. 1 1120-1320 lbs. sl. bulls, 44.25-47.00.

FEEDER CATTLE: Heifers Few Medium & Large Frame #2 310-610 lbs. 34.25-38.50, Bulls Few Medium Frame #1 680-770 lbs. 44.00-45.75, Few Medium 1-2 360-435 lbs. 44.00-50.25.

CALVES 114. One Choice 70.00, Few Good 55.00-60.00, Standard & Good 90-120 lbs. 42.00-56.00, 65-85 lbs. 39.00-45.00.

FARM CALVES: Holstein bulls 95-130 lbs. 60.00-82.00, Few Holstein heifers 80-105 lbs. 45.00-55.00. Beef Cross Bulls & Heifers 65-105 lbs. 46.00-55.00, Few Choice 210-240 lbs. Slaughter Calves 60.00-66.00.

HOGS 156. US No. 1-2 200-245 lbs. barrows and gilts 43.60-44.10, No. 2-3 205-225 lbs. 42.75-43.50, Lot 200 lbs. 41.00, Lot No. 2-4 247 lbs. 42.00, Few No. 1-3 115-165 lbs. 57.00-60.00. Few US No. 1-3 260-515 lbs. sows 34.00-37.00. Few No. 2-3 335-380 lbs. 31.50-33.50. Boars 27.00-29.00.

FEEDER PIGS 9. Lot US No. 1-3 30 lbs. feeder pigs 28.00 per head, Lot Ut. 20 lbs. 16.00 per head.

SHEEP 16. Lot Good 66 lbs. 57.50. Few Slaughter ewes 12.50-16.00. GOATS 23: 6.00-24.00 per head.

Indiana Livestock
Homer City, Pa.
Thursday, Aug. 15
Report supplied by PDA

CATTLE: 202. Compared with last Thursday's market Sl. steerT steady; Sl. cows weak to .50 lower; few High Choice & Prime Sl. steers 53.00-54.00; Choice 49.50-53.00; Good 45.00-50.00; Standard 41.50-45.25; Choice Sl. heifers 47.00-50.00, few 51.50-53.75; Good 43.00-47.00; Standard 40.00-43.25; Breaking Utility Sl. cows 36.50-39.00; Cutter & Boning Utility 33.50-38.00; Canner & Low Cutter 28.00-34.00; Shells down to 22.50, few Yield Grade No. 1, 1185-1840 lb. Sl. bulls 45.00-47.50; few Yield Grade No. 2, 1080-1760 lb. 41.75-44.00.

FEEDER CATTLE: Few Medium & Large No. 1, 325-510 lb. feeder steers 55.00-60.00; few Medium No. 2, 460-700 lb. feeder heifers 32.50-37.50; few Medium Frame No. 1, 650-845 lb. feeder bulls 42.50-44.50.

CALVES: 173. Vealers about steady; few Choice 64.00-69.00; Good 54.00-61.00; Standard 41.50-52.50; Standard & Good 90-120 bl 45.00-52.00; 60-85 lb. 42.00-46.50.

FARM CALVES: Holstein bulls 95-135 lb. 60.00-91.00; Good & Choice 240-360 lb. Sl. calves 48.00-59.50.

HOGS: 150. Barrows & Gilts .25-.50 lower; US No. 1-2, 220-235 lb 48.00-48.75; No. 2-3, 215-255 lb. 47.00-48.00; No. 2-4, 215-245 lb. 44.50-46.00; No. 1-3, 190-200 lb. 43.75-46.25, lot 167 lb. 40.00; US No. 1-3, 295-550 lb. sows 35.00-38.75, 1 at 40.00; No. 3, 570 lb. 33.00; 2 boars 28.50 & 28.75.

FEEDER PIGS: 14. US No. 1-3, 25-35 lb. 16.00-22.00 per head.

SHEEP: 36. High Choice & Prime 75-100 lb. sl. lambs 64.00-67.00, 2 head 70.00 & 73.00; few Good & Choice 50-55 lb. feeder lambs 52.00-57.75; Sl. ewes 15.00-20.00.

GOATS: 4. 10.00-37.00 per head.

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MONDAY

EARLY BIRD HOG SALE
7:30 AM
For Your Protection Your Hogs Must Be Identified

10:00 AM

11:00 AM

HAY
STRAW
GRAIN

1:30 PM

BEEF SALE
CALF, SHEEP, GOATS

WEDNESDAY

12:00 NOON

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THURSDAY

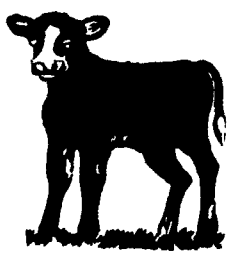
11:00 AM

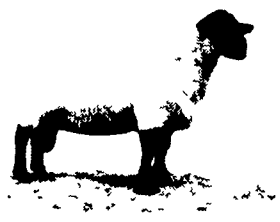
BULLS -

STEERS -
-BEEF COWS

3:30 P.M.

CALVES





SHEEP
GOATS

Market your livestock thru New Holland Sales, your neighbor does
Pick-up your check before you leave

Livestock market and auction news

Peoria Cattle

Thursday, Aug. 5
Report Supplied by USDA

Trading moderate with best demand for steers suitable for commodity delivery. Slaughter steers and heifers closed 1.50 to 3.00 higher, bulk of sales 2.00 to 2.50 higher than a week ago. Cows 1.00 to 1.50 higher. Bulls 1.00 to 3.00 higher. Supply mainly good to average choice slaughter steers and heifers with 4% cows. Receipts this week about 2400 as compared to 1602 a week ago and 1742 a year ago.

SLAUGHTER STEERS: Choice 2-4 1050-1200 lbs. 52.50-53.50, mostly 52.50-53.00, load Monday 54.00; 975-1050 lbs. 51.00-53.00. Mixed good and choice 2-3 1000-1200 lbs. 50.00-52.50. Good 2-3 900-1050 lbs. 48.00-51.50.

SLAUGHTER HEIFERS: Choice 2-4 950-1100 lbs. 51.00-52.00, couple loads 52.25-52.75, part load 53.00; 900-950 lbs. 49.50-51.00. Mixed good and choice 2-3 900-1100 lbs. 49.50-51.50. Good 2-3 800-950 lbs. 47.00-50.00.

COWS: Breaking utility and commercial 2-3 35.00-38.00. Cutter and boning utility 1-2 32.00-36.00.

BULLS: YG 1-2 1100-1850 lbs. 44.00-48.50, couple high yielding 51.00.

Valley Livestock

Athens, Pa.
Monday, August 12
Report supplied by auction

Holstein Hfr. Calves 48.00-55.00.
Veal Calves 50.00-62.50.
Vealer Bull Calves 65.00-76.00.
Slaughter Calves 45.00-50.00.
Grassers & Feeders 34.00-55.00.
Lambs 50.00-87.00.
Sheep 15.00-23.00.
Hogs, 200 to 250 42.00-45.50.
Sows 32.00-37.50.
Boars 30.00-37.50.
Pigs each 15.00-35.00.
Heifers 38.00-40.50.
Steers no top steers.
Steers, feeder 36.00-55.00.
Bulls 39.00-45.00.
Cows, utility 37.00-39.00.
Cows, fat 37.00-39.00.
Cows, medium 34.00-36.00.
Cows, poor or small 30.00-33.00.
Cattle Market higher.
Calf Market steady.
Horses to 150.00-270.00.
Ponies to 50.00-100.00.
Goats each to 10.00-40.00.

Remarks We Have 10 beef packers buying each week. Send your livestock every Monday.

Joliet Cattle

Thursday, Aug. 15
Report Supplied by USDA

CATTLE: Friday through Wednesday's salable receipts 1700; 5 days last week 1427; same period a year ago 1879. Trading moderate for the week. Slaughter steers ended the week steady to 50 lower compared with Wednesday. Slaughter heifers ended the week steady to 1.00 higher.

SLAUGHTER STEERS: Choice 2-4 1100-1350# 52.00-53.50 Monday; 51.00-53.00, load 53.50 Wednesday. Choice 3-4 1250-1350# 52.00-52.50 Monday; load 1500#51.00 Monday; few packages choice 3-4 1300-1450# 49.00-51.00 Monday. Choice 3-5 1300-1500# 45.00-48.00 Monday; load choice holsteins 2-3 1650# 45.00 Monday. Couple loads mixed good and choice 2-3 1050-1250# 51.75-52.00 Wednesday.

SLAUGHTER HEIFERS: Choice 2-4 950-1100# 51.00-53.50 Monday; 51.00-52.50 Wednesday. Mixed good and choice 2-3 900-1050# 48.00-51.00.

Belleville Livestock

Belleville, Pa.
Wednesday, August 7
Report Supplied by PDA

CATTLE 140. Breaking Utility and Commercial slaughter cows 37.60-39.75, Cutter and Boning Utility 35.50-37.50. Canner and Low Cutter 31.50-34.50, Shells down to 28.50. Yield Grade No. 1 1000-1990 lbs. slaughter bulls 43.00-49.60.

CALVES 187. Standard aand Good 80-100 lbs. vealers 44.00-47.50, Utility 39.00-44.00. FARM CALVES: Holstein Bulls 95-120 lbs. 66.00-87, mostly 72.00-80.00.

HOGS 123. US No. 1-2 barrows and gilts 44.00-45.35. US No. 1-2 sows 34.00-35.50, few No. 2-3 26.00-30.00.

FEEDER PIGS 208. US No. 1-3 15-25 lbs. feeder pigs 18.00-29 per head, No. 1-3 25-45 lbs. 34.50-35.50 per head.

SHEEP 15. Choice 65-95 lbs. spring slaughter lambs 57.00-69. Slaughter ewes 8.00-26.00. GOATS - 10.00-27 per head. HOLSTEIN DAIRY COWS $350-$1100.00 PER HEAD.

Leesport Livestock Auction

Leesport, Pa.
Wednesday, August 7
Report supplied by PDA

CATTLE 241. Compared with last Wednesday's market, slaughter steers strong to $1.50 spots $3 higher; Cows mostly 75 cents-$3 higher; Bulls strong to $2 higher. Few High Choice & Prime 3-4 1145-1220 lb. slaughter steers 50.60-53.75, Choice 2-4 1070-1330 lbs. 51.25-53.35, few 53.85, few yield grade #4 down to 49.75, Good 48-51.25, few Standard 42.60-46.75, Good & Choice 1075-1690 lbs. holsteins 42.25-45.50, few 46.75, Standard 40.25-42.25, Few Utility slaughter hiefers 35.00-37.00. Breaking Utility & Commercial slaughter cows 37.00-40, few 40.35, Cutter & Boning Utility 33.75-38.50, Canner & Low Cutter 28.00-34, few Shells down to 25. Good slaughter bullocks 48.10-50.25, individual's 51.25 & 52.25, few Utility 40-42.25. Yield Grade No. 1 1265-1920 lbs. slaughter bulls 45-48.75, few 050.00.

FEEDER CATTLE: Few Medium Frame #2 365-515 lbs. steers 53.00-64, few Large #2 360-600 lbs. 44.50-50. Few Medium Frame #1 545-930 lbs. bulls 39-42.50, few Large #2 585-710 lbs. 36.00-43.00.

CALVES 175. Few Choice vealers 79.00-92, few Good 52.00-71, few Standard 37.00-45.00, Standard & Good 90-115 lbs. 43.00-48, 65-85 lbs. 38.00-43, Utility 55-85 lbs. 30.00-35, few down to 21.00. FARM CALVES: Holstein Bulls 90-130 lbs. 50.00-83, mostly 65.00-79, few Beef cross bulls and heifers 90-110 lbs. 45.00-55.00.

HOGS 359. Barrows and gilts $7-$8 higher. US No. 1-2 210-245 lbs. barrows and gilts 49-49.50, No. 2-3 210-260 lbs. 48.35-49.25, No. 2-4 210-260 lbs. 47.75-48.50, few 48.85, lot 290 lbs. at 44.50, No. 1-3 160-185 lbs. 37.85-40.50. Sows 50 cents-$1 higher. US No. 1-3 300-590 lbs. sows 33.00-36, one 38.00, No. 2-3 350-495 lbs. 32.00-34, few Medium 275-405 lbs. 31.50-33.25. Boars 31-32.50, one 34.75, light weights 32-37.50.

FEEDER PIGS 110. US No. 1-3 30-40 lbs. feeder pigs 76.00-85, 55-60 lbs. 63.00-70, lot 70 lbs. at 36.00 all per hundredweight basis.

SHEEP 46. High Choice & Prime 60-85 lbs. spring slaughter lambs 64.00-74, Good & Choice 45-95 lbs. 51.00-58, 2 lots 64.00 & 70. Slaughter sheep 15.00-28, few yearlings 35.00-38.

GOATS 9: 20.00-36 per head.

TOP PRICES FOR DOWN, CRIPPLED AND AS IS COWS, BULLS & STEERS

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Paid On Dressed Weight

Tom Mulvaney
Livestock Trucking
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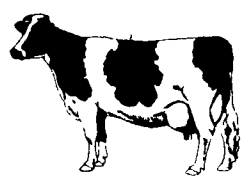

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Every Wednesday
Westend of Avondale at the intersection of Baltimore Pike and Route 41.
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CLOSED WEDNESDAYS

THE OLD FARMER'S ALMANAC

AUG. 19-25, 1985

Restless and lazy — Old Sol drives us crazy

John Fitch tested first steamboat on the Delaware River Aug 22, 1787 Average length of days for the week, 13 hours, 37 minutes Sacco-Vanzetti trial began Aug 23, 1927 First quarter of the moon Aug 22 (Thurs) Captain Isaac Hull s USS *Constitution* engaged and defeated the British frigate *Guerrière*, Aug 19, 1812

Beef has bones, eggs have shells, but ale has nothing else

Ask the Old Farmer: Tell me, please, how sassafras tea was made? I m a city-bred ignoramus now living in the country, surrounded by sassafras trees M P , Dunsmuir, Calif

There were two schools of thought back in the "good old days" when folks drank sassafras tea One swore by the potency of the root while the other depended upon the buds and bark, the latter taken from the twigs In either case the bark, buds and shavings from the roots were well dried Then they dumped a handful into a teapot, filled it with hot water and let it steep, not boil, until the contents of the pot turned the color of swamp water

Home Hints. Cover water stains on ceilings by painting on white pigmented shellac, then applying a coat of regular paint

OLD FARMER'S WEATHER FORECAST

New England: Beginning of week rain warm temperatures, mid through end of week hot and humid

Greater New York-New Jersey: Thunderstorms through midweek end of week sunny and hot

Middle Atlantic Coastal Week begins sunny, midweek thunderstorms possible flooding, end of week showers

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Livestock market and auction news

Dewart Livestock

Dewart, Pa.
Monday, August 12
Report Supplied by PDA

CATTLE 190. Compared with last Monday's market, slaughter cows mostly steady, to $1.00 higher. Few Choice slaughter steers 1030-1350 lbs. 51.75-53.25, Few 4-5 47.25-50.25, Few Good & Choice holsteins 44.25-46.50, Few Standard 41.50-43.00, One Standard 46.75, Utility & Low Standard 36.50-39.50, Few 42.75. Choice slaughter heifers, one at 50.00, One Yield Grade 5 at 35.00, One Good 47.00, Few Good & Choice 4-5 40.50-45.75, Few Standard 40.25-47.50, Few Utility 32.75-38.75. Breaking Utility & Commercial slaughter cows 37.00-38.75, few 42.75, Cutter & Boning Utility 34.00-37.00, Canner & Low Cutter 28.00-33.75, Shells down to 17.00. Few Standard 42.25-45.60, Two Utility 40.50 & 41.50, Few Yield Grade No. 1 1255-2050 lbs. slaughter bulls, 47.50-48.75, One Yield Grade No. 2 1320 lbs. 44.25.

FEEDER CATTLE: Heifers Few Medium Frame #2 575-685 lbs. 40.00-47.00.

CALVES 227: Few Choice 61.00-77.00, Few Good 50.00-61.00, Standard & Good 90-110 lbs. 45.00-49.00, 65-85 lbs. 41.00-45.00, few Utility 60-90 lbs. 30.00-40.00.

FARM CALVES: Holstein bulls 90-130 lbs. 50.00-80.00 mostly 65-75.00.

HOGS 54: Few US No. 1-2 225-230 lbs. barrows & gilts 46.75-47.25, Lot No. 2-3 225 lbs. 47.10, Few No. 2-4 215-225 lbs. 40-85-42.00, No. 3-4 195-340 lbs. 33.00-38.00. Sows: Few US No. 1-3 440-510 lbs. sows 34.25-36.75, Few No. 2-3420-575 lbs. 33.00-35.00. Few Boars 27.00-30.25, Few Light weights 30.50-35.00.

FEEDER PIGS 119: US No. 1-3 15-25 lbs. feeder pigs 19.50-29.00 per head. No 1-3 25-35 lbs. 28.50-35.00, No. 1-3 40-50 lbs. 41.00-43.50, Lot 1-3 60 lbs. 52.00 per head. SHEEP 50: High Choice & Prime 70-114 lbs. 63.00-66.00, few 69.00, Choice 75-100 lbs. 60.00-64.00, Good & Choice 50-85 lbs. 55.00-61.00, Few Utility & Good 35-50 lbs. 63.00-72.00. Slaughter Sheep: 20.00-31.00, Individual 37.00. GOATS 3: 21.00 per head.

Omaha Weekly

Thursday, Aug. 15
Report Supplied by USDA

Slaughter steers and heifers closed this week at steady levels with last week. This weeks trading started on a higher scale, but by midweek, when downturns werer registered, all advances had been erased. Demand was generally good but by midweek an uncertain dressed beef trade created a bearish atmosphere. Slaughter cows 1.00-2.00 higher, slaughter bulls firm to 1.00 higher.

Estimated 5 day receipts this week 6600, actual receipts last week 4742, last year 8360. Slaughter steers accounted for 54 pct of the weeks receipts, heifers 38 pct, cows 5 pct, feeder cattle 1 pct.

SLAUGHTER STEERS: At the close, scattered loads and lots choice 2-4 1050-1400 lbs. 52.00-53.00, load 53.25. Some sales to C.M.E. interests 1050-1250 lbs. 53.00-53.50. Mixed good and choice 2-3 1050-1200 lbs. 51.00-52.50. Few good 50.00-51.00. Mixed good and choice 2-3 1100-1400 lb. holsteins 42.00-44.50.

SLAUGHTER HEIFERS: At the close, scattered loads and lots choice 2-3 975-1150 lbs. 51.00-52.50, load 52.75. Mixed good and choice 2-3 900-1050 lbs. 50.00-51.50. Good 49.00-50.50.

Average of LS-214 detailed quotations for choice 900-1100 lb. steers 52.60, 1100-1300 lbs. 53.45. Average cost all slaughter steers this week 52.25, average weight 1217 lbs. compared to 51.21 and 1211 lbs. last week. Average cost all slaughter heifers this week 52.11, average weight 1051 lbs. compared to 50.51 and 1026 lbs. last week.

SLAUGHTER COWS: At the close, breaking utility and commercial 2-3 35.75-39.00, couple head 40.00. Cutter and boning utility 1-2 35.00-38.50. Few lot cutter 35.00-37.00.

SLAUGHTER BULLS: Few 1-2 1200-1900 lbs. 45.00-51.00, high dressing individual 53.75, few head ow dressing 42.00-45.00.

Farmers Livestock Auction

Duncansville, Pa.
Monday, August 12
Report Supplied by PDA

CATTLE 136: Choice 50.50-52.50, High Good & Low Ch. 50.00-51.25, Good 45.50-46.75, Good & Choice holsteins 42.00-45.50, Standard 41.00-42.00, Utility 36.50-40.00. Choice sl. heifers 45.50-49.50, Good 44.00-46.75, Standard 41.00-43.75, Utility 36.00-38.50. Breaking Ut. & Commercial sl. cows 39.00-40.25, Cutter & Boning Ut. 36.75-38.50, Canner & Low Cutter 34.00-37.75, Shells down to 29.00. Choice sl. bullocks none, Good 44.50-46.50, Standard 41.50-43.50, Utility 35.50-38.75. Yield Grade No. 1 sl. bulls, 44.50-46.50, Yield Grade No. 2 41.50-43.50.

FEEDER CATTLE: Steers Good 48.50-52.50, Standard 42.50-45.50, Heifers Good 44.50-47.50, Standard 35.00-41.50, Bulls Good 44.50-48.50, Standard 36.50-39.00.

CALVES 298: Choice 72.50-78.50, Good 60.00-70.50, Standard 52.50-56.00, Standard & Good 90 lb. to 130 lb. 45.00-56.50, Utility 40-65 lbs. 35.00-43.00.

FARM CALVES: Holstein bulls 90-130 lbs. 65.00-84.50, Holstein heifers 90-130 lbs. 48.75-62.50.

HOGS 136: US No. 1-2 220-240 lbs. barrows and gilts 47.00-48.25, No. 1-3 200-240 lbs. 46.50-47.25, No. 2-3 220-240 lbs. 45.50-46.75. US No. 1-3 300-600 lbs. sows 38.50-40.00, No. 2-3 300-600 lbs. 34.50-37.50. Boars 28.50-29.75, Light weights 32.00-33.50.

FEEDER PIGS 14: US No. 1-3 30-40 lbs. feeder pigs 24.50-30.50 per head.

SHEEP 2: High Ch. & Pr. 90-100 lbs. 64.50-66.50. 2 GOATS 11.00-24.00 per head.

New Holland Horse

New Holland Sales Stables
Monday, August 12
Report supplied by auction

Reported receipts of 250 head of horses, mules and ponies. Market: steady.

Local:

Better horses 425.00-600.00.

Few Registered Horses 625.00-500.00.

Driving horses 275.00-925.00.

Riding horses 175.00-350.00.

Lightweight killers 155.00-235.00; Heavyweight killers 275.00-365.00.

Mare ponies 30.00-75.00; Colts 10.00-25.00; Gelding ponies 30.00-75.00.

Larger ponies 125.00-175.00.

Green Dragon Livestock Sales

Location: Ephrata RD 4. 1 mile N. on North State St., Ephrata.

COWS COWS COWS

SALE EVERY FRIDAY

Lots of good Northern Feeder & Stockers. Slaughter Cows - Bull Steer, Veal-lamb.

11:00 A.M.-Beef Sale 200-300 each week.
1:00 P.M.-Dairy Sale.
7:00 P.M.-Small Animal Sale.

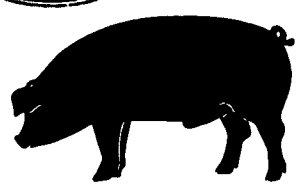
For Special Sales and Herd Dispersals on farm or at our barn or other market information call: Office 717-733-2444, Home 717-838-4318.

WALTER H. RISSER, Proprietor

All out of state and new buyers must have cash or certified check or current letter of credit from bank.

Gwaltney

GWALTNEY of SMITHFIELD, LTD.



We will be receiving hogs at Vintage Sales Stables in Paradise, Pa.
Mondays, Wednesdays, Thursdays & Fridays from 7 a.m. to 12 noon
717-442-4742

ATTENTION YORK COUNTY HOG PRODUCERS

We will be receiving hogs at Thomasville, Pa.
Tuesdays 7 a.m. to 12 noon
Futures forward contracts are available.
No commission, paid promptly.
York County - **717-792-9836**

FRIDAY, AUG. 30
ON THE FARM MONTHLY
BRED GILT SALE

Sale to Start Promptly Every 4 Weeks at 7:30 P.M.

7:30
Evening Sale
Aug. 30
7:30 D.S.T.

Located 18 miles south of Lancaster, Pa., 6 miles south of Quarryville, take Rt. 272 to Little Britain, turn north, follow Little Britain Road to Jackson Road, right. 2nd farm, OR take Rt. 222, out of Quarryville to Cedar Hill Road to Little Britain Road to Jackson Road, left Watch for sale arrows.

50 to 60 Head
Now selling our new hybred gilts representing mostly York & Hampshire & Landrace cross. Bred for easier & Less trouble over farrowing and better weight gains.

Validated Brucellosis Free Herd #169
Qualified Pseudorabies Free Herd #55

Hand mated with Breeding Dates

Local Trucker Available
No Hogs Sold On Commission

CHRIST A. BEILER
R.D. 2, Quarryville, Pa
JOHN B. STOLTZFUS
R.D. 1, Kirkwood, Pa

Abe Diffenbach, Auctioneer AU225L
NEXT SALE DATE SEPT. 27

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215-286-9400

Lebanon, Lancaster, New Holland, Morgantown, Reading, Kutztown, to Myerstown.

ATTENTION FARMERS

EVERY MONDAY
HATFIELD PACKING CO. and MOYER PACKING CO.
Will Receive Your Hogs and Cattle at the
DANVILLE LIVESTOCK MARKET
RD 4, Danville, PA

- We will receive your hogs from 8 AM to 12 Noon every Monday. Your hogs will be weighed and paid for immediately.
- We will also accept your sows & boars.
- Your cattle will be received from 12:30 to 5 P.M. We will either pay you for your cattle immediately or you may sell them dressed weight.
- There will not be a commission or yardage fee deducted from your check.
- You may call our office Monday morning and we will be able to tell you the base price for hogs for the day.

MELVIN M. LEHMAN - Owner
Danville Buying Station
Phone: 717-275-2880

Livestock market and auction news

Virginia Auction Summary

August 8-14
Report supplied by VDA

Total of Va. Weekly Feeder Cattle Auction Receipts: 3,477.
Steady to 3.00 higher.

South & Southwest Va.
August 1-7
Report supplied by VDA

STEERS: Medium 1 300-500 lbs. 61.75-73.50, 500-700 lbs. 55.00-62.75, 700-1000 lbs. 52.50-58.00. Large 1 300-500 lbs. 62.50-72.50, 500-700 lbs. 58.00-64.50, 700-1000 lbs. 53.00-58.00. Small 1 300-500 lbs. 50.00-64.00, 500-700 lbs. 53.00-59.00.

HEIFERS: Medium 1 300-500 lbs. 49.00-50.00, 500-700 lbs. 44.00-53.50, 700-900 lbs. 46.00-51.75. Large 1 300-500 lbs. 49.00-59.50, 500-700 lbs. 48.80-54.00, 700-900 lbs. 44.00-50.75. Small 1 300-500 lbs. 44.00-52.00, 500-700 lbs. 48.00-52.75.

Northern Va. Auction Summary
August 8-14
Report supplied by VDA

STEERS: Medium 1 300-500 lbs. 55.00-66.00, 500-700 lbs. 54.00-62.00, 700-1000 lbs. 47.75-58.25. Large 1 500-700 lbs. 57.50, 700-1000 lbs. 50.75. Small 1 300-500 lbs. 54.00-59.75, 500-700 lbs. 53.50-58.50.

HEIFERS: Medium 1 300-500 lbs. 47.00-56.00, 500-700 lbs. 46.50-54.50, 700-900 lbs. 43.00-53.25. Large 1 300-500 lbs. 51.00-54.00, 500-700 lbs. 49.50-50.50, 700-900 lbs. 47.75-50.50. Small 1 300-500 lbs. 43.75-54.00, 500-700 lbs. 45.00-52.00.

Shenandoah Valley Livestock

Harrisonburg, Va.
Saturday, Aug. 10
Report supplied by auction

FEEDER CATTLE: Trend-Steady. Steers- M&L-1 300-500 lbs. Few 55.50-62.75, 500-700 lbs. 54.00-59.00, 700-1000 lbs. 51.00-56.00, Holstein 300-1000 38.50-43.00. S-L&M&L-2 300-500 lbs. 1 lot 58.50, 500-700 lbs. 55.25-56.50. Feeder Bulls: M&L-1 300-500 lbs. 53.00-1 Lot; 500-700 lbs. 49.50, 700-1000 lbs. 43.00-46.75. S-L&M&L-2 300-500 lbs. 1 lot 54.50, 500-700 lbs. 41.50-47.50 Heifers: M&L-1 300-500 lbs. 52.00-55.50, 500-700 lbs. 47.44-51.50. S-L&M&L-2 300-500 lbs. 49 00-50.00, 500-700 lbs 47.00-49.00.

STOCK COWS: Baby Calves 31.00-69.00.

SLAUGHTER CATTLE: Steers-Good 2-3 45.00-49.10.

SLAUGHTER COWS: Trend-2.00 higher.

Utility & Commercial 2-4 34.75-38.50; Canner & Cutters 1-3 31.00-33.75.

SLAUGHTER BULLS: 1 & 2 42.25-48.00.

LAMBS: Trend- 2.00 lower. Blue-0. High Choice & Prime 67.70; Red O. Choice 64.00; Feeder Lambs Choice 65.00-68.00; Slaughter Ewes 10.75-18.00, Head Ewes 33.00-52.50.

HOGS: US 1-3 200-240 lbs. 45.10, Sows 1-3 Few 37.00-97.00, Boars 25.00-27.25.

VEAL: Good 58.00-64.00.

SLAUGHTER CALVES: Good & Choice 54.00-58.00.

Four States Livestock

Hagerstown, Md.
Wednesday, Aug. 7
Report supplied by Auction

SLAUGHTER· Fed Steers- Few Offered No Choice. Good 44.00-47.00; Medium 43.00 down. Heifers- Few Offered. Medium 37.00-40.00. Cows- Good Run $2.00 Higher. High Yield 38.00-41.25; Average 34.00-37.00; Big Middle 28.00-33.00; Fatty Herf. 32.00-36.00; Shelly 33.00 Down. Fat Bulls- $1.00 Higher. Good 46.00-48.00; Medium 42.00-45.00. Veal Calves $1.00 To $3.00 Higher. Choice 65.00-70.00; Good 60.00-64.00; Medium 54.00-59.00; Farm Hfrs. 60.00-73.00; Farm Bulls 60.00-76.00; Light Calves 45.00-52.00; Weak Calves 44.00 Down. Lambs- $2.00 Lower. Choice & Good 57.00-61.00; Med. 51.00-56.00.

STOCKER: Steers- 300-550 lbs. Mostly Steady. Good 51.00-54.50, Medium 45.00-50.00, Culls 44.00 down. Steers- 600-850 lbs. Choice 50.00-53.00, Good 45.00-49.00, Medium 44.00 down. Heifers- (All Weights) Choice 49.00-50.50, Good 43.00-48.00, Medium 38.00-42.00. Bulls- Choice 53.00-57.00, Good 47.00-52.00, Medium 40.00-46.00. Springing Heifers To $675.00. Pigs, Hd. Large Run- $2.00 Lower. 20-35 lbs. 15.00-29.00; 40-80 lbs. 30.00-43.00. Shoats By Lb. 40.00-56.00. Slaughter Hogs $2.00 Higher 220-260 lbs. 44.85-46.35 Sows- 350-635 lbs. 36.50-38.75.

A Total Of 407 Hogs Were Sold At The Hatfield Buying Station Tuesday Morning. The Top Price Was $46.00. Help Wanted–Every Wednesday Dependable Livestock Drovers To Work Daytime Or Evening Hours. Must Have Knowledge Of Livestock. Call Hagerstown 733-8120 Between 8:30 A.M. To 4:30 P.M.

New Wilmington Livestock

New Wilmington, Pa.
Monday, August 12
Report supplied by PDA

CATTLE 131: Compared with last Monday's market, slaughter cows $3 higher. Few Choice 50.00-52.00, Few Good 47.50-49.75, Few Standard 44.00-45.75. Choice slaughter heifers (one) 50.00, Few Good 43.00-47.00, Standard 38.50-42.50. Breaking Utility and Commerical slaughter cows 37.00-41.25, Cutter & Boning Utility 36.00-40.00, Canner & Low Cutter 30.00-36.00, Shells down to 28.00. Few Yield Grade No. 1 1200-2020 lbs. slaughter bulls, 45.50-49.00, One Yield Grade No. 2 1175 lbs. 40.00.

FEEDER CATTLE: Heifers few Medium Frame #1 430-665 lbs. 40.00-45.75, Few Large Frame #2 365-625 lbs. Holsteins 37.00-43.50.

CALVES 232: Vealers $5.00-10.00 higher. Couple Choice 78.00 & 85.00, Good 60.00-72.00, Standard & Good 90-125 lbs. 47.50-56.00, 60-85 lbs. 40.00-52.00, Utility 50-90 lbs. 25.00-37.50.

FARM CALVES: Holstein bulls 85-130 lbs. 55.00-72.50.

HOGS 271: Barrows & gilts $1.00-1.50 higher. US No. 1-2 215-240 lbs. barrows & gilts 46.00-47.00, 2 Lots 70 head at 48.00, No. 2-3 210-260 lbs. 44.50-46.00, No. 2-4 220-250 lbs. 43.60-44.50. SOWS: US No. 1-3 320-475 lbs. sows 36.50-38.00, Few No. 2-3 335-450 lbs. 32.00-34.75. Few Boars 32.00-32.25.

FEEDER PIGS 83: Lot US No. 1-3 25 lbs. feeder pigs 22.00 per head, No. 1-3 35-50 lbs. 24.00-38.00.

SHEEP 187: Choice & Prime Spring slaughter lambs 75-120 lbs. 62.00-69.00, 15 head 65-75 lbs. 70.00-73.00, Good 60-90 lbs. 50.00-58.00. Slaughter ewes 16.50-23.00.

Jersey Shore, Pa.

Thursday, Aug. 15
Report Supplied by Auction

Return to Farm Calf 55.00-72.00.
Good Veal 45.00-65.00.
Common Veal 39.00-44.00.
Choice Steers 51.00-55.75.
Good Steers 48.00-52.00.
Common Steers 44.00-47.00.
Commercial Cows 36.00-40.00.
Canners-Cutters 34.00-37.00.
Shells 29.00-33.00.
Choice Heifers 43.00-48.00.
Good Heifers 41.00-45.00.
Common Heifers 37.00-40.00.
Common Feeders 35.00-53.00.
Bulls 42.00-47.00.
Good Hogs 44.00-47.00.
Heavies 37.00-40.00.
Sows 32.00-34.00.
Lambs 55.00-67.00.
Eggs 48.00-73.00.

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Consign your cattle and hogs, feeder pigs & calves to Louis Lyons & Son. They offer choice service, excellent sorting & marketing of your livestock.

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KING'S AUCTION, KIRKWOOD
Hay, Straw and Grain Auction
EVERY TUESDAY
12:00
Located Rt 472 5 miles south of Quarryville or 6 miles north of Oxford at Shaub's Auction House
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Auctioneer
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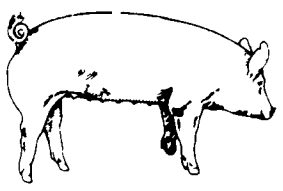
No out of state checks
ALL TRUCKERS AND FARMERS WELCOME

SADDLE UP!
To Better Equipment... Find It In Lancaster Farming's CLASSIFIEDS!



EMERY'S BUYING STATION

OPEN TO RECEIVE YOUR MARKET HOGS
AT THE GREEN DRAGON MARKET
RD 4, EPHRATA, PA 17522
1 MILE NORTH OF EPHRATA
ON NORTH STATE STREET.

HOURS: MONDAY, TUESDAY, and WEDNESDAY 6:00 A.M. to 11:30 A.M.
215-458-5677 Residence
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YOU ARE PAID FOR YOUR HOGS IMMEDIATELY

Ken & Lois Emery, Proprietors

ATTENTION FARMERS
The New Way To Market Your Livestock
EVERY MONDAY — HATFIELD PACKING CO. WILL RECEIVE YOUR HOGS
EVERY THURSDAY — MOYER PACKING CO. WILL RECEIVE YOUR CATTLE
AT THE
BLAIR-BEDFORD BUYING STATION
RD #1, Martinsburg, PA
- Every Monday we will receive your hogs from 7 30 a m to 11 a m Also calves from 7 30 a m to 3 p m Your animals will be weighed & paid for immediately
- We will also accept your sows and boars
- Your Butcher Cattle & Calves will be received from 8 a m to 12 noon every Thursday We will either pay you for your cattle immediately or you may sell them dressed weight
- There will not be a commission or yardage fee deducted from your check
- You may call our office Monday mornings and we will be able to tell you the base price for hogs for the day

DALE R. HOOVER - Owner
Blair-Bedford Buying Station
Business Phone 814-793-3077
Residence Phone 814-793-2657

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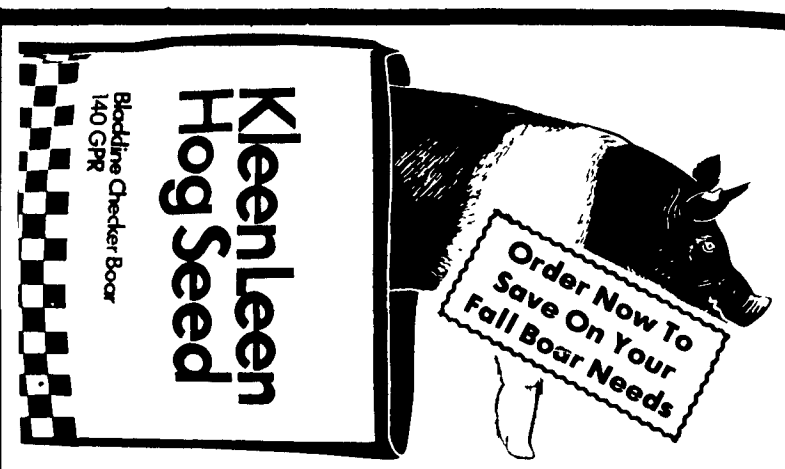

Those aggressive Checker™ Boars and healthy Checker™ Gilts are as close at hand as we are. No one offers more to your entire hog operation: Kleen Leen's guaranteed breeders. An unmatched health program. Plus the most progressive way to judge boars today... "Genetic Potential Rating."

Stop by soon. Remember, we've got more in store for you than just our great feeds.

For more information or to order animals, stop by or call your local Kleen Leen representative listed below.
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NOW IS THE TIME

By Jay Irwin

Lancaster County Agriculture Agent
Phone 717-394-6851

To Apply Lime When Seeding Small Grain

Preparation is being made for fall wheat and barley seeding. This is an excellent time to apply lime. A soil test will indicate how much per acre, if needed. This is doubly important if you plan to seed down a grass-legume mixture next spring.

Many times a clover or alfalfa producer will wait until spring to have lime applied to his field. This is not the best way to obtain a good stand. Lime needs up to six months to react in the soil and correct the acidity.

If soil needs lime, it should be worked into the topsoil when the small grain seedbed is being prepared. Legume seedings are costly; be sure the soil is between 6.8 to 7.0 pH so they have a good chance to survive.

To Ensile Corn At The Proper Time

Most of our corn crop looks good this year and corn silage is an important part of the feeding program in dairy and feeder cattle. Harvesting corn silage at the right time is very important. I'd like to point out that more feed nutrients will be harvested if the ear can be allowed to mature into the early dent stage. Silage research reveals that corn made into silage in the silk stage will yield only 63 percent feed nutrients, while corn in the dent stage should give silage with 69 percent feed nutrients.

The important thing is to allow the ear to develop properly before ensiling, if at all possible. Corn silage is a valuable crop; let's make every effort to harvest the maximum feed nutrients.

To Apply For Gasoline Tax Refund

I would like to remind our farmers that applications for the Pennsylvania Liquid Fuel Tax Refund should be filled before Sept. 30.

Farmers may apply for an 11-cent per gallon refund on all liquid fuels used in non-licensed tractors when used off the highway for agricultural purposes, or non-licensed power farm machinery used for actual farm work. This includes fuel used in all auxiliary engines on balers, elevators and other stationary equipment.

The liquid fuel tax is for all farm production used between July 1, 1984 and June 30, 1985.

The people who have not already received applications should apply by writing: Board of Finance and Revenue, Room 409 Finance Building, Harrisburg, PA 17120 or by calling 717-787-3365.

Remember, applications received after Sept. 30 will not be honored; they must be filed on time. The time to do it is now.

Keep in mind - this is not money the State is giving you - it is money you already paid; you are just applying to get it back. It may not seem like much but 11 cents per gallon on 5,000 gallons is $550.

To Fertilize Strawberries

The new strawberry patch that you planted this spring should be pushing runners by this time of year. It's a good idea to fertilize these new plantings during August. A fertilizer high in nitrogen or nitrogen only would be best.

The objective is to encourage more runners and develop a stronger plant. It will also increase yields for next summer. Another thing, weeds must be controlled at all times to have a healthy strawberry patch. The earlier in the summer we can get the runner plants to take root, the better they will be established for next year.

THE BIBLE SPEAKS

BY LAWRENCE W. ALTHOUSE

GOD CAN'T LOSE
August 18, 1985

Background Scripture:
Joel
Devotional Reading:
Joel 2:14-17; 3:14-16.

The title I selected above jars me a bit. I find myself questioning the theology of it. But the more I wrestle with it, the more I am convinced that, taking the long, long point of view, it is quite true: God cannot lose, although human beings may certainly delay God's plan by failing to live by his will and heed his warnings.

That, of course, is why so often he has sent messages like the words of Joel: "Turn to me now, while there is time...Come with fasting, weeping, mourning. Let your remorse tear at your hearts and not your garments" (2:12). Because he is not anxious to punish us, "Perhaps even yet he will decide to...give you a blessing instead of his terrible curse" (2:14).

There, then, is one facet of our Christian hope: if we return to him, we can escape the doom of the prophecies.

GREEN AGAIN

But there is another aspect of our hope, too. Even if we do not turn in time to avert the consequences of our sins, God will eventually turn our mourning into joy. Unfortunately, there are times when we learn the lesson only *after* we have paid the terrible price. Although the cost of our learning is great, it is better to pay that price [illegible] to learn at all.

[illegible] have learned that lesson or lessons, [illegible] time he will fashion something even better out of the ashes of our defeat. As Joel put it to the people of Israel, "Then the Lord will pity his people and be indignant for the honor of his land" (2:18). Thus, even in the midst of the suffering we bring upon ourselves, we can take hope in the future because we know that it is in God's hands alone. So, no matter how terrible things are now, "Let the flocks and the herds forget their hunger; the pastures will turn green again" (2:22).

A NEW DAY!

On the ruins of our failures, God builds a new day and a new world, not just the restoration of the old. Often, when we have built poorly (sinfully), there must be some tearing down before God can do his own building-up. "After I have poured out my rains again, I will pour out my Spirit upon all of you!" says Joel, "And I will pour out my Spirit even on your slaves, men and women alike" (2:29). The new order will be a more inclusive human community.

God's will, not human sins, rule the universe–and that is why God can't lose.

Rains improve crop outlook

PARK RIDGE, IL — The American Farm Bureau Federation has projected this year's corn crop at nearly 8 billion bushels and a soybean crop in excess of 1.8 billion bushels. The farm organization attributes the improved crop outlook to recent widespread rains. The Farm Bureau report is based on field surveys conducted last week in major corn and soybean producing states.

"Timely rains through most of the corn belt and east-southeast portions of the country will save virtually all of the crop from further deterioration and ultimately, could improve yields on those fields where the corn has not fully filled," said Dean Brown, commodity specialist for the American Farm Bureau Federation.

Survey results showed a projected average yield of 107 bushels of corn per acre from 74.75 million acres resulting in an estimated 7.99 billion bushels. This compares with 7.656 billion bushels in 1984 from nearly 3 million fewer acres.

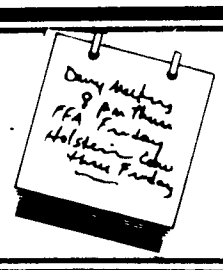
"The corn estimate can be considered as fairly neutral news, not large enough to depress market prices, but too large to provide any strength to an already weak market," said Brown in assessing the market outlook.

"We expect soybean production to exceed 1.8 billion bushels, averaging about 29.2 bushels per acre, from an estimated 62.4 million harvested acres. Ideal weather conditions for the next 4-6 weeks could push the production even higher, perhaps equalling the 1984 crop of 1.86 billion bushels," Brown said.

"Soybeans have benefitted more than corn from the recent rains. The bean crop has avoided most of the stress and damage caused by the dry weather in North Central Iowa and Southeastern Minnesota. Whereas, relief has come too late for much of the corn to recover in these areas, beans are developing additional pods and filling satisfactorily," Brown added.

According to Brown, the projected soybean crop should have a neutral impact on the market, but he cautioned any improvement in the crop could produce additional weakness in the market.

Farm Calendar



Saturday, August 17
Central Pennsylvania Holstein Championship Show, Huntingdon Fairgrounds, 6 p.m.
Westmoreland County Fair, Greensburg; continues through Aug. 24.

Sunday, August 18
Cameron County Fair, Emporium; continues through Aug. 24.
Carbon County Fair, Lehighton; continues through Aug. 24.
Franklin County Fair, Chambersburg; continues through Aug. 24.
Fulton County Fair, McConnellsburg; continues through Aug. 24.
Somerset County Fair, Meyersdale; continues through Aug. 24.

Monday, August 19
Crawford County Fair, Meadville; continues through Aug. 24.

Tuesday, August 20
Ag Progress Days, Rock Springs, Penn State University; continues through Aug. 22
Ag Progress Holstein Sale, 7:30 p.m., Grange Fairgrounds, Centre Hall.
Northeast Pennsylvania Holstein Championship Show, Whitneyville Fairgrounds.
Blue Valley Farm Show, Bangor; continues through Aug. 24.
Harford Fair, Harford; continues through Aug. 24.
Hookstown Grange Fair, Hookstown; continues through Aug. 24.
Perry County Fair, Newport; continues through Aug. 24.

Wednesday, August 21
Dawson Grange Fair, Dawson; continues through Aug. 24.
Lancaster County 4-H Pig Roundup, Lancaster Stockyards. Show at 8 a m., sale 1:30 p.m.
Performance Tested Boar Sale, 6 p.m., Meat Animal Evaluation Center, State College.

Thursday, August 22
Mount Nebo Grange Fair, Ohio Township; continues through Aug. 24.
Wye Field Day, Wye Research and Education Center, Queenstown, Md.

Friday, August 23
Centre County Grange Fair, Centre Hall; continues through Aug. 29.
First Annual Lebanon Bologna Fest, Lebanon Fairgrounds.

Saturday, August 24
Summer Picnic, Pa. Nut Growers Association, Nature Glen Farm, Mount Joy, 10 a.m. Bring one dish.
Maryland State Fair opens, Timonium..

Monday, August 26
Indiana County Fair, Indiana; continues through Aug. 31.
Sullivan County Fair, Forksville; continues through Aug. 31.
Transfer Harvest Fair, Greenville; continues through Aug. 31
West End Fair, Gilbert; continues through Aug. 31.

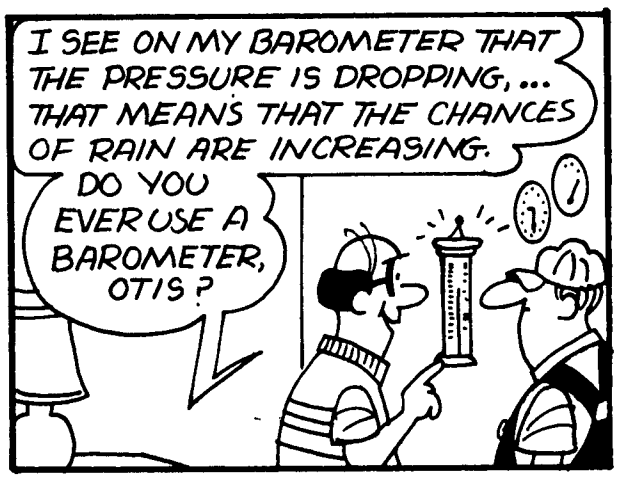
Tuesday, August 27
Elizabethtown Community Fair, Elizabethtown; continues through Aug. 31.
Jamestown Fair, Jamestown; continues through Aug. 31.
Wattsburg Fair, Wattsburg; continues through Aug. 31.
Allentown Fair, Allentown; continues through Sept. 2.

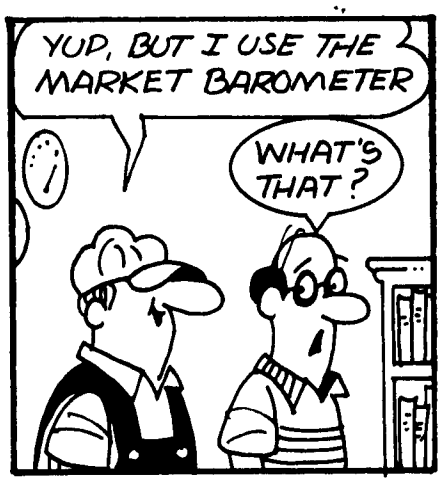
Wednesday, August 28
Big Knob Grange Fair, Rochester; continues through Aug. 31.
Great Stoneboro Fair, Stoneboro; continues through Sept. 2.
Somerset Fall Classic Sale, 7:30 p.m., Meyersdale.

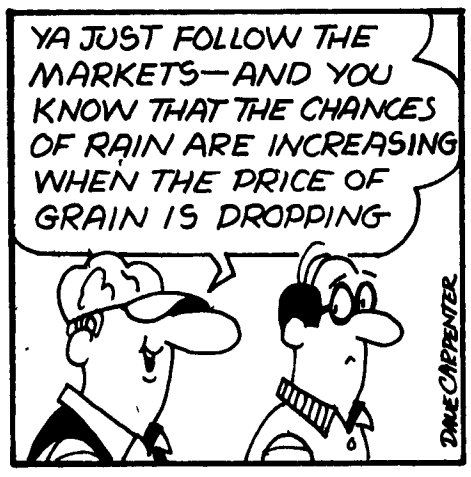
Thursday, August 29
South Mountain Fair, Arendtsville; continues through Sept. 2.
New Jersey dairy princess contest, Flemington Fairgrounds

Friday, August 30
Pa. Quarter Horse Association Show, Farm Show Complex, Harrisburg.
Bradford County Dairy Day, 4-H Building, Troy Fairgrounds, 10 a.m. to 3 p.m.

Saturday, August 31
Juniata County Fair, Port Royal; continues through Sept. 7


I SEE ON MY BAROMETER THAT THE PRESSURE IS DROPPING, ... THAT MEANS THAT THE CHANCES OF RAIN ARE INCREASING.
DO YOU EVER USE A BAROMETER, OTIS?

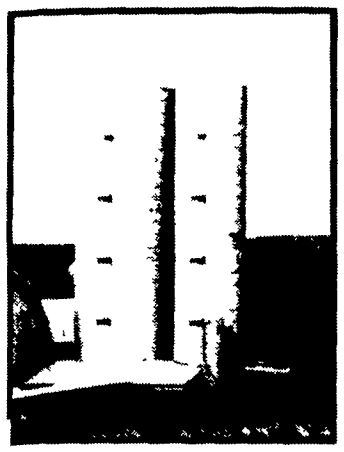



YA JUST FOLLOW THE MARKETS—AND YOU KNOW THAT THE CHANCES OF RAIN ARE INCREASING WHEN THE PRICE OF GRAIN IS DROPPING
DAVE CARPENTER

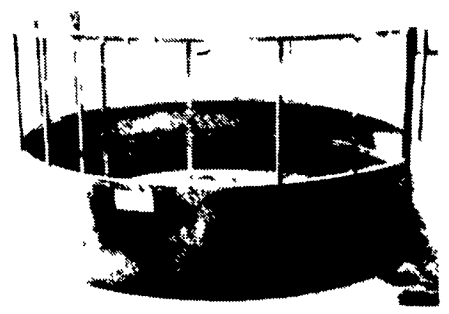
Looking For THE UNUSUAL? Find It In The CLASSIFIEDS.

BE THE WISE ONE

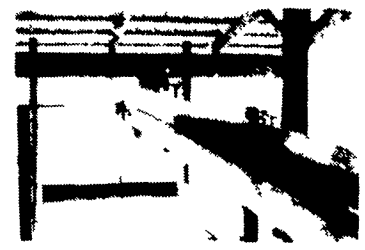
VISIT AG PROGRESS BUT -- CHECK OUR PRICES BEFORE YOU BUY



Available in Gas or 1½ HP 2 HP Electric and Hydraulic Motors



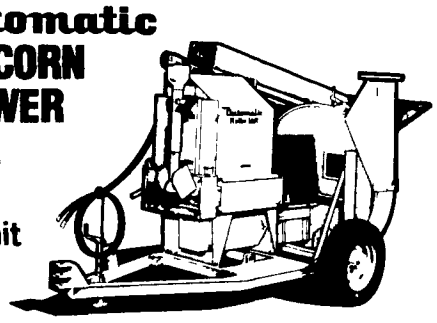
Lancaster HAY RACK is made to save space and save hay Round 2 piece design w/18 openings made of heavy square tubing and wide steel panel at bottom Easy to move easy to fill



Lancaster BELT FEEDER AND NEW Lancaster CONVEYOR Modern dairy and beef feedlots can be automated with the use of bunk feeders using belt feeder units Corn silage haylage high moisture corn and other feed material can be distributed quietly evenly and with no separation A traveling plow unit places the feed directly to the center of the bunk trough Simple operation and very low horsepower requirements make this **Lancaster** belt feeder popular with dairy and beef operators Rubber belt and wooden trough design keeps silage from contacting or corroding metal

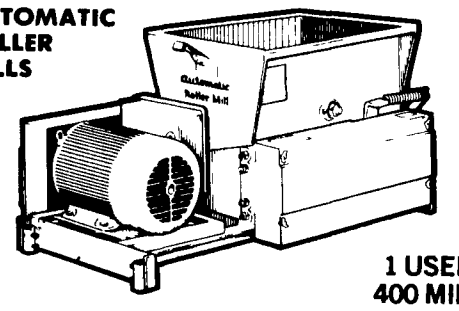
the one that keeps rolling when others quit!

Automatic EARCORN BLOWER MILL



1 Demo Unit
$7500

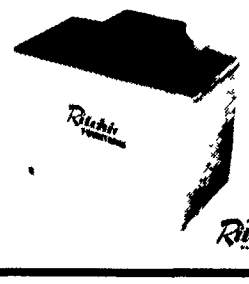
AUTOMATIC ROLLER MILLS



1 USED 400 MILL

Lancaster Brand Single and Double UNIT WATERERS 14 GAUGE STAINLESS STEEL

NEW AND USED UNITS AVAILABLE



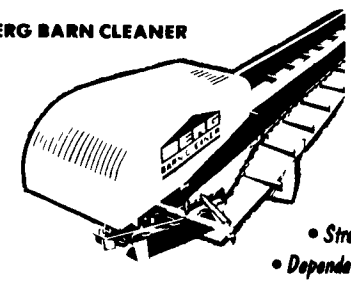
WATER THAT WON'T QUIT

"NEW" SUPREME #428 TURBO RING DRIVE SS

IN STOCK - IMMEDIATE DELIVERY

STAINLESS STEEL 4 PADDLE BLOWER
STAINLESS STEEL SPOUT LINER
STAINLESS STEEL SHIELD COVERS
STAINLESS STEEL AUGER COVER

BERG BARN CLEANER



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- Dependable

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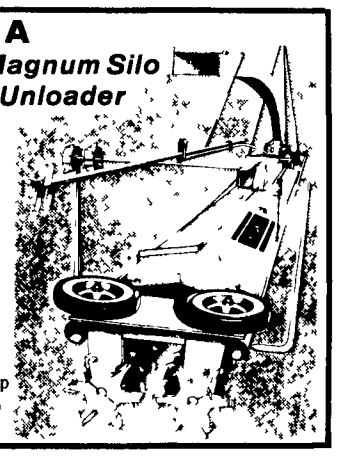
VAN DALE

Haven't You Done Without A VAN DALE Unloader Long Enough?

Magnum Silo Unloader



You've got troubles enough without putting up with equipment that won't perform Especially feeding equipment that you use every day in the year
The answer: Trade now for a VAN DALE
Save your motor, cable, winch, tripod. Renew the heart of your system by trading now for a new VAN DALE unloader the unloader that keeps going year 'round, helps keep your animals fed on schedule, helps keep you from climbing silo in below zero weather

MAGNA-Matic 360® Ring Drive Silo Unloader

Features:
- Positive drive in loose and frozen material
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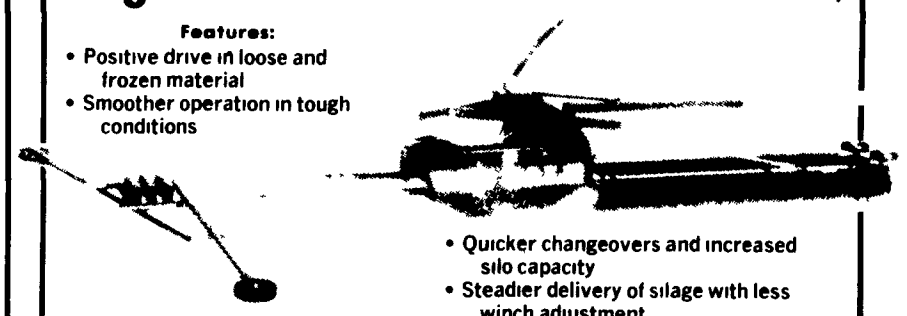
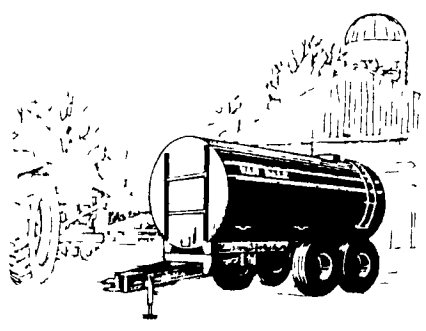


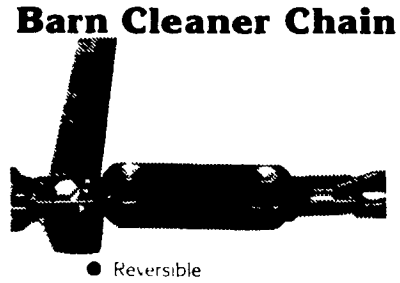
- Quicker changeovers and increased silo capacity
- Steadier delivery of silage with less winch adjustment



Slinger 4500

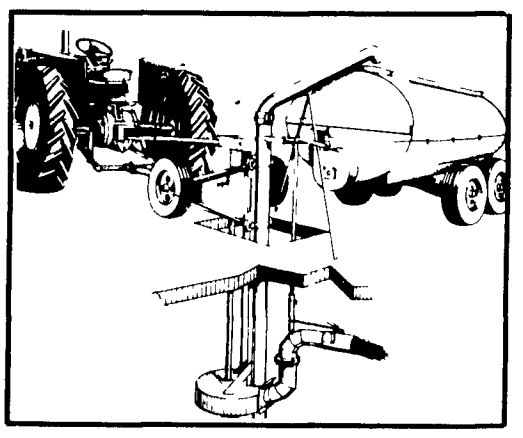
DON'T DELAY CALL TODAY

Barn Cleaner Chain



- Reversible
- Fits most barn cleaners
- Heavy duty forged links
- 5/16 inch flat links
- High impact pin swedging

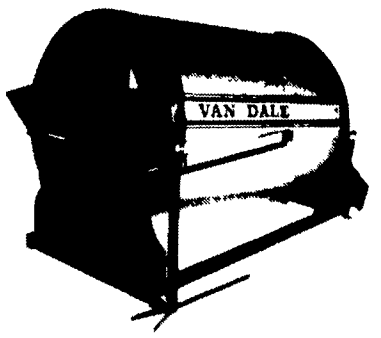
VAN DALE



Agitator/Filler Pump

1 Demo Mixer/Feeder With Scales $8900

BRAND NEW ITEM



Orbit Mixer For TMR With Stainless Steel Drum

Livestock market and auction news

St. Louis Cattle

Thursday, Aug. 15
Report Supplied by USDA

Receipts this week	2,400
Last Week	2,000
Last Year	3,800

Compared to last week's close, slaughter steers 1.00-1.50 higher. Slaughter heifers mostly .50-1.00 higher. Cows 1.00-2.00 higher. Bulls fully steady. Slaughter supply mainly choice steers and heifers, around 10% cows.

SLAUGHTER STEERS: Mixed choice and prime 2-4 1100-1300 lbs. 52.00-53.00. Couple packages 2-3 1200-1325 lbs. 53.50-54.00. Choice 2-4 900-1300 lbs. 50.50-52.50. Mixed good and choice 2-3 900-1150 lbs. 49.00-51.00. Good 2-3 900-1100 lbs. 46.00-49.00. Mostly good 2-3 1100-1500 lb. holsteins 42.00-45.00.

SLAUGHTER HEIFERS: Mixed choice and prime 2-4 900-1150 lbs. 50.50-52.00. Choice 2-4 800-1050 lbs. 48.50-50.50. Mixed good and choice 2-3 800-1000 lbs. 46.00-48.50. Good 2-3 700-950 lbs. 44.50-47.00.

COWS: (Closing week sales) Breaking utility and commercial 2-4 36.00-39.00. Cutter and boning utility 1-2 36.00-39.00. High yielding utility 1-2 39.00, few up to 40.00. Canner and low cutter 1-2 33.00-36.00. Shelly canner 1-2 30.00-33.00.

BULLS: Yield grade 1-2 1100-1500 lbs. 42.00-47.00. Individual yield grade 1 1420 lbs. 49.00.

SHEEP: Wednesday's weekly sheep auction. Receipts around 350 head. Slaughter lambs steady to firm. Feeder lambs steady, instances 1.00 higher with improved quality compared to last week. Slaughter ewes steady. Bulk of receipts choice and fancy feeder lambs, 60%.

SPRING SLAUGHTER LAMBS: Choice and prime wooled 95-120 lbs. 64.00-68.50. Choice 61.00-65.00. Shorn choice and prime 95-117 lbs. 66.00-72.50. Choice 62.00-66.50.

SLAUGHTER EWES: Utility to good 14.00-18.00.

FEEDER LAMBS: Choice and fancy 75-90 lbs. 59.00-63.00, bulk 60.00-62.00. Choice 70-90 lbs. 55.50-60.00.

GOATS: 17.00-28.50 per head.

FEEDER CATTLE: 400. Feeder steers steady to 1.00 higher. Feeder heifers steady to 50 higher. Mostly advance on calves and yearlings. Good demand, but light receipts and bulk of receipts small lots of fleshy cattle. Slaughter cows steady to firm with wednesday.

FEEDER STEERS: Medium frame 1 with a few large frame 1: 300-500 lbs. 65.00-68.25, few calves 275 lbs. 75.00. Fleshy 500-700 lbs. 63.00-66.50; 700-900 lbs. 55.00-61.25, with package 823 lbs. 57.00. Few flashy 900-1050 lbs. 48.50-53.75. Large frame 2 holsteins: 400-800 lbs. 42.00-46.50.

FEEDER HEIFERS: Medium frame 1: Fleshy 300-600 lbs. 53.00-57.50. Fleshy 700-900 lbs. 46.00-50.00.

SLAUGHTER COWS: Utility and Commercial 2-4 35.00-39.50. High Yielding 39.00-40.25, Cutter 1-2 35.00-38.00.

Morrison Cove Livestock

Martinsburg, Pa.
Monday, August 12
Report supplied by auction

CATTLE 172. Choice 52.50-54.25, High Good & Low Ch. 50.50-51.75, Good 46.50-47.75, Good & Choice holsteins 42.50-46.35, Standard 40.75-42.25, Utility 35.50-40.25. Choice sl. heifers 46.50-50.25, Good 45.50-47.50, Standard 42.50-44.25, Utility 35.00-39.50. Breaking Ut. & Commercial sl. cows 40.50-42.25, Cutter & Boning Ut. 37.50-39.50, Canner & Low Cutter 34.50-38.25, Shells down to 28.50. Choice sl. bullocks 51.50-54.50, Good 47.50-50.00, Standard 42.50-45.50, Utility 41.00. Yield Grade No. 1 1400-1875 lbs. sl. bulls, 46.50-52.25, Yield Grade No. 2 1100-1400 lbs. 41.50-44.75.

FEEDER CATTLE: Steers Good 52.50-54.75 Standard 42.50-46.50, Heifers Good 44.50-50.25, Standard 36.50-42.50, Bulls Good 43.50-47.50, Standard 35.50-42.75.

CALVES 325. Choice 81.50-84.50, Good 65.50-72.50, Standard 452.50-61.50 Standard & Good 90 to 130 lb. 45.50-56.50, Utility 50-75 lbs. 35.50-44.50.

FARM CALVES: Holstein bulls 90-130 lbs. 65.50-90.00, Holstein heifers 90-130 lbs. 52.50-97.50.

HOGS 173. US No. 1-2 220-245 lbs. barrows and gilts 47.50-48.25, No. 1-3 220-240 lbs. 46.00-47.25, No. 2-3 220-250 lbs. 45.00-46.00. Sows US No. 1-3 300-600 lbs. 38.50-41.00, No. 2-3 300-600 lbs. 32.50-37.75. Boars 28.00-29.50, Light weights 30.00-32.00.

FEEDER PIGS 19: US No. 1-3 30-40 lbs. feeder pigs 22.50-34.50 per head, No. 1-3 40-60 lbs. 34.00-41.50 per head.

SHEEP 35. High Ch. & Pr. 90-115 lbs. 65.50-71.00, Good 90-100 lbs. 60.00-66.50, Utility 100-120 lbs. 42.50-45.50. Slaughter ewes 11.50-28.50. 13 GOATS 13.00-44.00 per head.

Oklahoma Cattle

Wednesday, August 14
Report Supplied by USDA

Estimated Receipts:	4000
Same Day Last Week:	1227

Feeder steers steady to weak. Feeder Heifers under 600 lb. Steady to weak; over 600 lbs. weak to 1.00 lower. Trade uneven. Largest percentage of supply medium and large frame mixed no. 1-2 and no. 2 500-800 lb. steers and heifers. Cows and bulls 5%.

FEEDER STEERS: Medium and few large frame 1 140 lb. 82.00; 350-425 lb. 73.50-74.80 (includes several bulls); 500-550 lb. 64.00-70.00; few 550-600 lbs. 62.25-63.50; 600-700 lb. 61.80-64.00; 700-750 lb. 60.70-63.90; 750-800 lb. 59.20-59.60; 800-850 lb. 58.30-59.35; 955 lb. 55.10. Medium and large frame mixed 1-2 few 500-550 lb. 64.50-65.00; 600-700 lb. 58.00-62.50, thin lots reaching 63.50-64.00; 700-800 lb. 55.00-60.50; 830 lb. 57.00; 900-975 lb. 50.10-53.10. Medium and large frame 2 500-600 lb. 57.00-60.50; 600-700 lb. 53.00-59.50, thin 645 lb. 61.50; 700-800 lb. 52.25-58.00 bulk 54.00 up.

FEEDER HEIFERS: Medium few large frame 1 240 lb. 69.00; few 350-400 lb. 62.80-64.70; 400-500 lb. 59.00-62.00; 500-600 lb few 55.75-60.00; 600-800 lb. 55.00-56.50; lot 800 lb. 52.55. Medium and large frame mixed 1-2 450-500 lb. 53.00-56.00, lot 410 lb. very thin 62.00; 500-550 lb. thin 56.50-59.50; 500-600 lb. 53.00-56.50; 600-750 lb. 53.00-55.00. Medium and large frame 2 375-500 lb. 50.00-54.50, lot 455 lb. thin 56.75; 500-600 lb. 51.50-55.50; 600-700 lb. 49.25-54.50.

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★ LINCOMIX-20, 50 lb. 249.05
★ FUROX-50, 50 lb. 67.45
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Livestock market and auction news

Greencastle Livestock

Greencastle, Pa.
Monday, August 12

CATTLE. 508. Butcher Steers- Choice 50.00-53.75; Butcher Steers- Medium-Good 43.00-52.00; Butcher Heifers- Choice 48.00-52.00; Butcher Heifers- Medium-Good 44.00-50.50; Butcher Cows- Utility-Good 38.00-42.50; Butcher Cows- Canners and Cutters 35.00-44.00; Butcher Cows- Shells 35.00 and down; Butcher Bulls- Medium-Good 44.00-52.75; Stock Steers- Medium-Good up to 62.00; Stock Heifers- Medium-Good up to 52.50.

CALVES. 565. Medium-Good Calves-160-220 lbs. 65.00-83.00; Medium-Good Calves-125-160 lbs. 60.00-70.00; Medium-Good Calves-100-120 lbs. 50.00-65.00; Medium-Good Calves-80-100 lbs. 47.00-55.00; Holstein Bull Calves up to 80.00; Holstein Heifer Calves up to 90.00; Light and Green Calves down to 40.00.

SHEEP and LAMBS. 72. Choice Lambs up to 65.00; Medium-Good Lambs 55.00-60.00; Light and Cull Lambs 45.00-55.00; Butchering Ewes and Bucks up to 22.50.

HOGS. 41. Good-Choice Butcher Hogs 190-225 lbs. 45.00-46.00; Good Choice Butcher Hogs 270 lb. 44.00 Good-Choice Butcher Sows 400 lbs. down, up to 38.50; Good-Choice Butcher Sows 400 lbs., up up to 31.75; Heavy Boars up to 31.75; Pigs - Per Head 15.00-44.50.

New Holland Dairy

New Holland Sales Stables
Wednesday, August 14
Report supplied by auction

Reported receipts of 108 cows. 78 heifers, and 8 bulls.

Market lower.

Load of Connecticut fresh cows, 600.00-825.00 springers 825.00-1025.00.

Load of PA fresh cows, 550.00-1175.00.

Load of PA fresh cows, 685.00-780.00.

Load of Canada springers 750.00-975.00.

Load of PA fresh cows, 735.00-800.00.

Load of PA fresh cows, 715.00-1025.00.

Load of NY fresh cows, 700.00-960.00.

Load of PA fresh cows, 540.00-925.00.

Locally consigned cows 430.00-880.00.

Springing heifers 450.00-790.00.

Open heifers 300.00-400.00.

Bulls 485.00-700.00.

Leola Produce Auction, Inc.

Tuesday, August 13
Leola, PA
Report Supplied by Auction

APPLES- 3.50-5.75 box.
BLACKBERRIES- .75-.95 qt.
CABBAGE- 1.00-1.35 bu.
CANTALOPES- .30-.90 ea.
CORN- (white) .30-.60 doz.; (yellow) .20-.50.
CUCUMBERS- 4.00-9.00 bu.
EGGPLANT- 4.50-7.00 bu.
LIMA BEANS- 8.00-12.50 bu.
ONIONS- (50#) 8.00.
PEACHES- 5.00-7.50 bskt.
PEARS- 3.75-5.00 box.
PICKLES- 5.00-6.75 ½ bu.
PEPPERS- 5.00-9.00 bu.
POTATOES- (10#,#1) .45; (50#,#1) 2.10.
RED BEETS- 2.50-4.50 box.
SQUASH- 3.00-4.50 bu.
STRING BEANS- (green) 7.00-10.00 bu.; (yellow) 8.00-14.00 bu.
TOMATOES- (25 lb. box) 2.50-6.00; (cherry) 3.50-5.50 flat.
WATERMELON- .90-2.15 ea.
ZUCCHINI- (golden) 3.00-7.00 ½ bu.; (green) 2.75-6.25 ½ bu.

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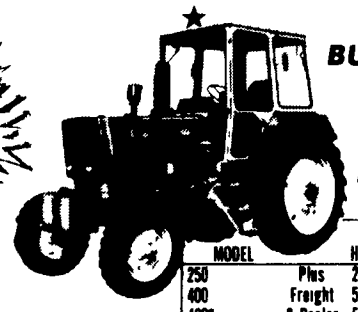

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520*		70	$17,950 00	$14,958
611	Less	60	$15,727 00	$12,385
800	Trade-In	85	$16,635 00	$12,995
820*		85	$19,586.00	$15,200
822 4WD w/Cab		85	$21,995 00	$17,490
1500c		165	$42,985 00	$36,985
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Lime Manure Slurry Spreader, 450 Bu			$7,200.00	$6,500

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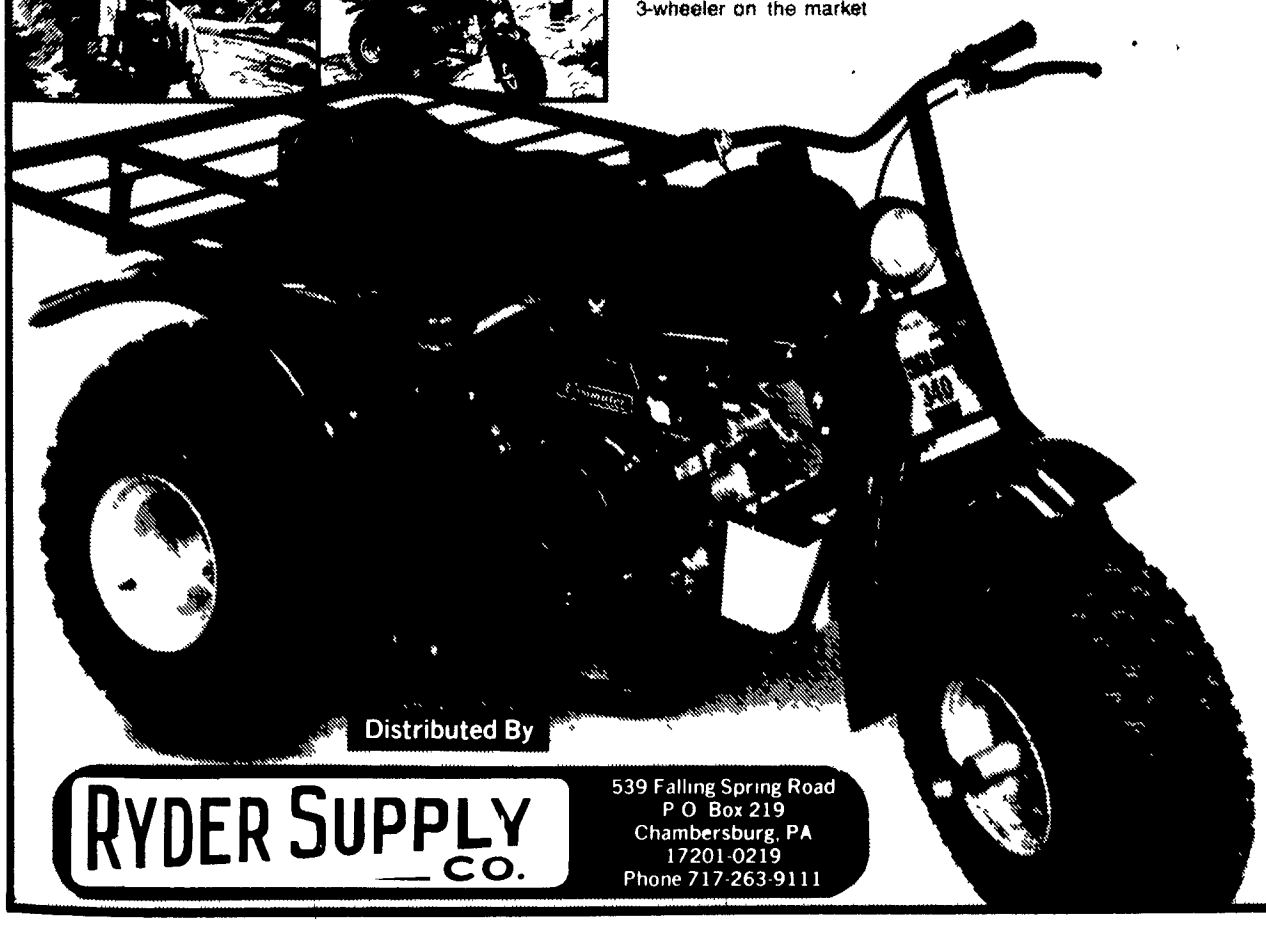

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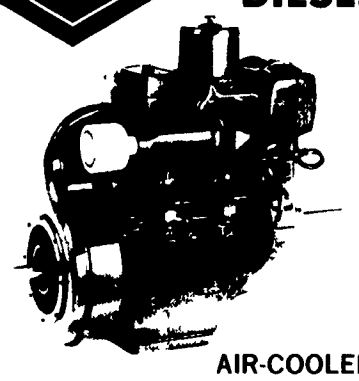

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DEALER INQUIRIES INVITED

Philadelphia Wholesale Fruit and Vegetable Report

Monday, August 12, 1985
Report Supplied by USDA

FRUIT

APPLES: ABOUT STEADY. CONTROLLED ATMOSPHERE STORAGE ctn tray pack; WASH Golden Delicious USExFcy 96s one lot 20.00-21.00; 120s 13.50 ctn tray pack; WASH Red Delicious WaExFcy 100s 16.50; 113s 15.50; 125s 12.50 USExFcy 100s 16.00-17.00; 113s 14.00-15.00 few lwr USFcy 138s 11.00 Golden Delicious USExFcy 100s 14.50-15.50.

BLUEBERRIES: SLIGHTLY HIGHER. 12-1 pt flat filmoverwrpd NJ med 10.80; sml-med 9.00; MICH med one lot 9.60-10.20.

NECTARINES: ABOUT STEADY. CALIF 25-lb ctn volume fill Fantasia, Flavortop, Royal Giant & Regal Grand 56 size 12.00 few hgr fair cond 10.00-11.00; 60-64 size 11.00-13.00 mos 12.00 fair cond 10.00; 70-72 size 10.50-12.00 mos 11.00 occ hgr 80-84 size 10.00 occ hgr few 9.50; 2-layer ctn Sparkling Red 50-56s 11.00-11.50.

PEACHES: 38-lb ctn USExtra #1 Yellow flesh varieties up sizes unless otherwise stated; NJ including no grade mark 2-¾" 17.00-17.50 few 18.00; 2-½" 15.00-16.00 few 14.00; 2-¼" 13.00-15.00 no size mark fair qual 7.00-8.00 ord qual 5.00; PA no grade mark 2-½" 14.00-15.00; 2-¼" 13.00.

PEARS: CALIF Bartlett US#1 36-lb ctn 90 size 18.00-19.00; 100 size 15.00-17.00 few 18.00; 110 size 14.00-16.00 few 17.00; 120-135 size 14.00-15.00 few 16.00 fair cond 110-120 size 13.00; 135 size 12.00 std ctn wrpd 90s 23.00; 120s 20.00; 135s 19.00.

PLUMS: ABOUT STEADY. CALIF 28-lb ctn volume fill Santa Rosa 3x4 size 14.00 Casselman 3x4x4 size 14.00; Simka 3x4 size 12.00-13.00; 3x4x4 size 11.00-12.00; 4x4 size 10.00-11.00; Friar 2x2 size one lot 21.50-22.00; 2x3 size 16.00 few 17.50-18.00 one lot 19.00-19.50; 2x3x3 size 15.00-15.50 few 16.00; 3x3 size 15.00 few 16.50-17.00; 3x4 size 14.00 Kelsey 3x3 size 19.00; 2-layer ctn Midsummer 70s few 16.00.

MELONS

CANTALOUPS: ABOUT STEADY. NJ 1-layer ctn 4s 4.00 few 5.00; 6s 3.50-4.00 mos 4.00 few 5.00; 7s few 4.00; 8s 3.50-4.00 mos 4.00 occ hgr; 11s 3.50 few 4.00 fair cond; 9s 2.50.

HONEYDEWS: HIGHER. CA 2/3 ctn 4s 5.50 one label 7.00; 5s 6-6.50 one label 7-7.50 fair cond 3.00-4.00; 6s 6.50 one label 7.50 fair cond 3.00-4.00; 8s 7.00 one label 7.50 fair cond 4.00-5.00; Orange flesh 4-8s 8.00 few 6s high as 9.00; NJ 1-layer ctn 6-11s fair qual 3.50-4.00.

WATERMELONS: ABOUT STEADY. avg weight per melon. NJ Crimson Sweet 25-30 lb. 1.50-2.00; Jubilee 20-lb 1.25; VA Jubilee 25-30 lb. 2.00 Crimson Sweet 33-lb 3-3.25 Long Grey 32-lb 2.50-2.75; MD Jubilee 23-lb 1.75.

VEGETABLES

BEANS: LOWER. various bushel containers Round Green type unless otherwise stated; NJ 5.00-6.00 few 4.00; NH 6.00-7.00 occ 8.00 few 5.00.

BEANS-LIMA: NJ buhmprs few 10.00-11.00.

BEETS: ABOUT STEADY. NJ crt bchd 12s 3.50-4.00 mos 4.00 topped bubkts 5.00-6.00 mos 6.00; OH crt bchd 12s 3.50-4.00.

CABBAGE: STEADY. 1-¾ buctn & crt medium Green unless otherwise stated; NJ 3-3.50 few 2.50 one label 4.00; Red 4.00-5.00; Savoy few 6.00; PA 3-3.50 50-lb sks 7-8s 3.25; red 4-4.50.

CAULIFLOWER: HIGHER. CALIF ctn film wrpd 12s 10.00-12.00 mos 12.00 few 9.50 one lot 14.00 fair cond 8.00; 9s fair cond 7.00.

CORN: ABOUT STEADY. wirebound crt approx 4-½-5 doz unless otherwise stated; NJ Yellow 4.00 few 3.50; White 5.00-6.00 mos 5.50 few 4.50 sks few 5-5.50; PA Yellow 4-4.50 sks 3.50-4.00; White 5.00-6.00 few 6.50 sks 5.00 fair qual 3.50-4.00 fair cond 3.00 bi-color sks fair cond 3.00.

LETTUCE: ICEBERG. HIGHER. ctn 24s unless otherwise stated; CALIF 15.00-17.00 mos 16.00-17.00 film wrpd 17.00-17.50 occ hgr previous committments lwr; NY 7.50-8.50 one lot 6.00 some best 9.00-10.00 fair qual & cond 3.00-4.00.

MUSHROOMS: STEADY. PA 4-qt bkt med-lge 4.25-5.00 mos 4.25-4.50 few 5.25; sml-med 3.25-3.75 mos 3.25-3.50; 10-lb ctn 8-8.75 mos 8-8.50; 10 12-oz cups 8.50 few 8.75.

POTATOES: RUSSETS SLIGHTLY LOWER, OTHERS ABOUT STEADY. 50-lb sacks U.S.#1 size A washed or brushed unless otherwise stated; ROUND WHITES DE 2-2.25 mos 2.00; lge 2.50-2.75 mos 2.50 few 2.25 paper sks 10-lb 57-60 cents mos 60 cents few high as 65 cents 20-lb few 1.25 baled 10 5-lb 4.50; 5 10-lb 3.50; NJ 2.00 few 1.75 one label high as 2.50; lge 2.50 one label 2.75-3.00; MD 2.00 few 2.25; lge few 2.75 occ hgr; ROUND REDS; NJ 6.00 lge 7.00; MINN 6.00 few 6.50 size B 10.00 baled 10-5 lb film bags 7.50; RUSSETS 50-lb ctn counts unless otherwise stated; ID old crop 100s 13.00; 120-140s 11.50-12.00 baled 10-5 lb film bags non size A 10.00; Norgolds new crop 80s one lot 15.00-16.00 baled 10-5 lb film bags non size A 9.50.

TOMATOES: ABOUT STEADY. 25-lb ctn Pink to Light Red 85 percent US #1 or better unless otherwise stated; SALES BY REPACKERS; VA, MD & TENN 5x6s 12.00-15.00; 6x6s 11.00-12.00; 6x7s 10.00; SALES BY OTHERS; NJ Turning to Light Red no grade mark including fair qual lge 6.00-7.00 few 7.50-8.00 fair cond 4.00-5.00 few 5.50 few low as 3.00; med 3.00-5.00 mos 4.00 few 5.50-6.00 fair cond low as 2.00; sml 3.50 Plum type bubkts Red few 8.00; PA fair qual 5x6s 7.00; 6x6s 6.00; 6x7s 5.00; no grade mark lge 8.00 fair cond lge 4.00-6.00; med 4-4.50. CHERRY TYPE 12 1-pt flats; NJ 4.00 fair cond 2.50-3.00 ord cond low as 1.50; VA 6.00 fair cond 3.00; CALIF 6.50.

Chambersburg Livestock

Chambersburg, Pa.
Thursday, Aug. 15
Report supplied by PDA

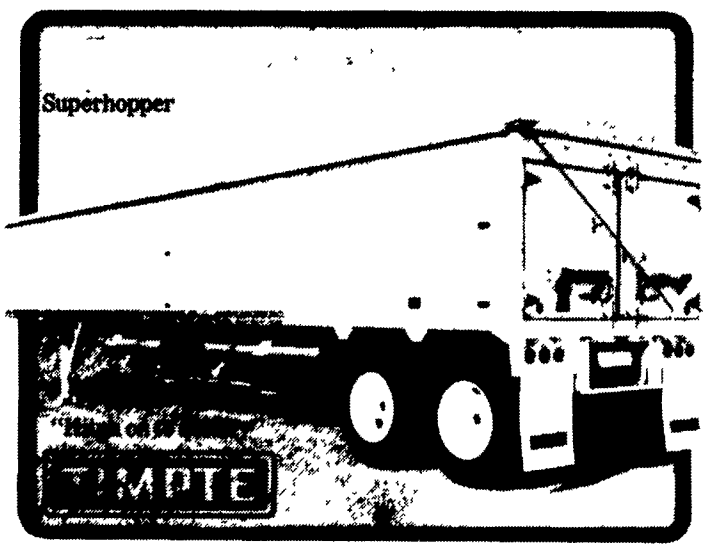
CATTLE: 198. Compared with last Thursday's market: Sl. cows ueven; Utility & Commercial fully 1.00-2.00 higher; Canner & Cutter steady to strong; few Good Sl. steers 44.85-51.50; few Standard 40.50-41.60; few Utility & Low Standard 38.25-38.60; few Standard & Good Sl. heifers 38.75-41.50; Breaking Utility & Commercial Sl. cows 39.10-41.35, few to 43.10; Cutter & Boning Utility 35.50-39.75; Canner & Low Cutter 31.35-35.50; Shells down to 26.00; 1 Standard bullock 40.10; few Yield Grade No. 1, 1250-1900 lb. Sl. bulls 44.60-50.60.

FEEDER CATTLE: Few Medium No. 1, 650-775 lb. feeder steers 48.00-55.00.

CALVES: 425. Vealers steady to strong; 1 High Choice 80.00; few Choice 63.00-73.50; few Good 60.50-63.00; few Standard & Good 110-125 lb. 53.00-56.00; 90-110 lb. 50.50-55.00; 70-85 lb. 47.00-53.00; few Utility 90-125 lb. 46.50-50.00; 55-85 lb. 38.00-47.00.

FEEDER PIGS: 12. Lot US No. 1-3. 35 lb. 22.00 per head.

SUMMER SALE On New 1986 Lightweight GRAIN HOPPERS



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IH 240 w/Fast Hitch and 2B Plow	$2,150
White 2-60 4WD w/Loader	Make Offer
IH 826 Turbo	$8,750
MF 30B Industrial	$10,950
Case David Brown 990	$3,950
JD B Hi-Comp	$1,250
Oliver 1255 4WD Tractor w/Loader	$6,950
JD 50 Tractor	$1,695
JD 4630 Tractor, P.S. 840 Hrs.	$32,500

COMBINES & PICKERS:

JD 6620 Side Hill Turbo Hydro w/15' Flex Head	Price On Request
JD 6600 Side Hill Hydro w/15' Flex 643 Cornhead	
JD 3300 Dsl. w/Cab, 343 C.H. & Rotary Screen	Price on Request
#643 6 Row 30" Corn Head	
#443 4 Row 30" Corn Head	
#343 3 Row Corn Head	
#244 2 Row Corn Head	
(1) IH 203 Combine, Gas w/10' Platform, P.U. Reel, 2 Row Cornhead, Cab	$3,950

MISCELLANEOUS:

20.8x38 Direct Axle Dual Wheels	
18.4x38 Snap on Dual Wheels	
18.4x38 Direct Axle Dual Wheels	
14.9x38 Direct Axle Dual Wheels	
20.8x34 Direct Axle Dual Wheels	
18.4x34 Snap on Dual Wheels	
Papec #880 Grinder Mixer w/Molasses Attach - Sharp	$3,950
IH 850 Grinder Mixer	$1,450
JD 6 Row 30" Rear Cultivator	$1,250
14.9x26 T-rail duals	
20.8x34 direct axle, less rubber	
NH 679 tandem axle spreader, hyd. endgate	$4,500
NI Tandem Axle Spreader	
Better Bilt 1500 Gallon Tank Spreader w/ejectors	$4,450
NH #90 Bale Mover	

HARVESTERS & FORAGE EQUIPMENT:

NH P.U. Attachment	$575
(2) JD 5½' Pickup Attachment	
JD 5400 4 WD Harvester 3 Row 30" Row Crop & 7' Pickup	
NI #7 Picker, 1 Row	$450
NH 1880 Self Propelled Harvester, 3 Row Pickup, Dsl. Hydro, 600 Hrs.	$23,500
NI 2 R Narrow Model 325 Pull Type Picker w/Grinder	$4,500
(1) John Deere 34 w/One Row Row Crop	$1,550
(1) John Deere Three Row Row Crop Attachment, New Belts	$3,850

HAY MACHINES:

JD 1209 Mower Conditioner w/Stub Guards	$3,850
JD 1209 Mower Conditioner	SOLD $3,450
JD 480 Mower Conditions	$1,850
NH 469 Mower Conditioner	$2,650
JD 14T Baler	$750
NH 479 Haybine	$3,850
Hesston Hydro-Swing Mower Conditioner	$2,750

GRAIN DRYERS:

(2) New Farm Fans AB8 Auto-Batch Dryers. MUST MOVE. CALL FOR PRICE. (Dealer Inquiries Welcome)

PLANTERS & GRAIN DRILLS:

JD FB-B 15x7 Drill	$650
JD 8 Row 7000 30" Planter	
JD 490 4 row Planter	$375

TILLAGE:

JD 5-16" 2,500 Auto Reset Plow	$2,850
JD 3-16" F-845 Roll-Over Plow	$2,950
JD 3x16" Plow, 3 Pt.	$675
Oliver #565 4-15 Semi-Mounted Plow	$1,450
JD BWF 18' Wing Disc	$2,650
JD 210 Disc 11'x5"	$3,950
Howard 100" 1000 PTO Rotovator	$3,450
Brady 30' Field Cultivator	$5,450
JD F145 6x16 Plow	$1,850
JD F350 5x16 Plow	$2,450
Brady 12½' Field Cultivator	$1,750

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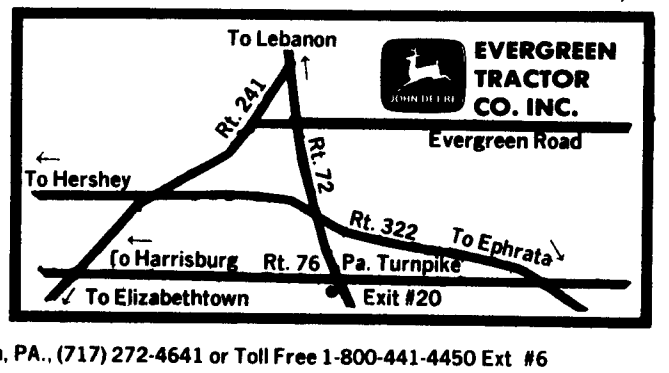
JD 2630 Hi-Low Tractor



30 Evergreen Rd., Lebanon, PA., (717) 272-4641 or Toll Free 1-800-441-4450 Ext #6

Lebanon Valley Livestock

Fredericksburg, Pa.
Tuesday, August 13
Report Supplied by PDA

CATTLE 240: One High Choice slaughter steers 1455 lbs. 53.50, Choice 2-4 1170-1470 lbs. 51.25-53.50, Choice 4-5 950-1390 lbs. 48.50-50.75, Good 50.00-52.00, Good & Choice holsteins 1245-1590 lbs. 44.00-46.50, Few 48.50, Few Standard 42.00-44.25, Few Utility 38.50-41.75. Choice slaughter heifers one 50.25, Few Good 44.25-49.00, Standard & Low Good 39.00-42.00, Utility & Low Standard 36.75-40.50. Breaking Utility & Commercial slaughter cows 38.25-40.25, one 41.00, Cutter & Boning Utility 34.00-38.85, Few 40.00, Canner & Low Cutter 31.00-34.75, Few Shells down to 24.50. Two Choice slaughter bullocks 50.25 & 51.75, Few Good 46.50-49.25, Few Standard 44.50-47.75. Yield Grade No. 1 1180-1715 lbs. slaughter bulls, 46.25-49.50, one 51.00, Few Yield Grade No. 1 1405-1985 lbs. 43.00-46.50.

CALVES 300: Few Choice 73.00-76.00, Few Good 60.00-68.00, Few Standard 140-180 lbs. 39.00-56.00, Standard & Good 90-110 lbs. 43.00-48.00, 65-90 lbs. 38.00-43.00, Utility 50-110 lbs. 30.00-40.00.

FARM CALVES: Holstein bulls 90-130 lbs. 50.00-79.00, mostly 60.00-72.00. FEW BEEF CROSS BULLS & HEIFERS 70-115 lbs. 46.00-55.00.

HOGS 190: US No. 1-2 220-240 lbs. barrows & gilts 45.60-46.00, Lot 205 lbs. 45.00- No. 2-3 215-246 lb. 45.00-45.75, 2 Lots 2-4 240 & 250 lbs. 43.50 & 44.00. Sows - US No. 1-3 280-585 lbs. sows 34.50-38.00, No. 2-3 310-590 lbs. 33.00-35.50. Boars 30.00-31.00 mostly 30.00.

SHEEP 2: One Choice 75 lbs. 64.00, One Good 85 lbs. 58.00. GOATS 4: Two mature 52.00 & 60.00, Two Kids 29.00 per head.

Leesport Livestock Auction

Leesport, Pa.
Wednesday, August 14
Report supplied by PDA

CATTLE 216. Compared with last Wednesday's market, sl. steers unvenly steady. Sl. cows mostly steady .50, spots 1.75 higher; Sl. bulls mostly. High Ch. & Pr. sl. steers, Choice 2-4 1060-1280 lbs. 51.25-52.85, few 53.25, few 4-5 1120-1380 lbs. 49.10-51.85, one 42.75, Good 48.25-51.85, few 52.60, one 54, few Standard & Good 45.00-46.25, Good & Choice holsteins 42.50-46.75, Few Standard 40.00-42.75, Few Choice sl. heifers 50.00-51.10, Few Good 45.00-49.25, Few Standard 36.00-43.60, Few Utility 33.25-37.00. Breaking Ut. & Commercial sl. cows 38.85-39.25, few 40.75, Cutter & Boning Ut. 34.00-37.75, Few 39.00, Canner & Low Cutter 32.00-34.50, Shells down to 25.00. Choice sl. bullocks two 48.75, 50.25, Standard One 46.00. Yield Grade No. 1 1055-1805 lbs. sl bulls, 45.10-48.85, Few 52.00, Few Yield Grade No. 2 1285-1440 lbs. 44.25-48.50.

FEEDER CATTLE: Steers M 1&2 325-700 lbs. 52.50-61.00, few L2 620-835 lbs. Heifers Few M1&2 420-765 lbs. 46.50-52.00, Few L2 420-760 lbs. 33.00-36.00. Bulls Few M1 650-900 lbs. 44.00-52.50, Few L2 370-655 lbs. 42.50-48.50.

CALVES 153. Vealers steady 2 higher. Few Choice 66.00-72.00; Few, Good 59.00-68.00, Few Standard 46.00-59.00, Standard & Good 90-135 lbs. 45.00-48.00, 75-90 lbs. 40.00-45.00, Few Utility 55-80 lbs. 25.00-30.00.

FARM CALVES: Holstein bulls 95-135 lbs. 59.00-76.00, 70-90 lbs. 46.00-56.00. Beef Cross Bulls & Heifers 65-145 lbs. 47.00-89.00.

HOGS 418. Barrows & gilts 5.00-5.50 lower. Early sales US No. 1-2 215-250 lbs. barrows and gilts 43.75-44.25, lot 45, Later Sales 210-240 lbs. 42.75-43.25. No. 2-3 205-240 lbs. 42.75-43.85, few 41.60, No. 2-4 220-255 lbs. 42.50-43.00, few to 41.00, No. 2-4 265-350 lbs. 34.50-38.50. Sows unevenly steady. US No. 1-3 290-675 lbs. sows 33.50-35.50, one 36.00; No. 2-3 310-730 lbs. 32.00-33.75, one 30.50. Boars 30.00-32.50, few 25.10, light weights 31.00-36.00.

FEEDER PIGS 115. Lot US No. 1-3 20 lbs. feeder pigs 107 cwt. No. 1-3 25-30 lbs. 62.00-70.00, No. 1-3 35-'50 lbs. 70.00-78.00, 1-3 60-70 lbs. 62.00-71.00 cwt.

SHEEP 40. Spring/or/Wooled sl. lambs. Few Ch. & Pr. 60-85 lbs. 64.00-73.00, Good & Choice 55-75 lbs. 55.00-66.00. Slaughter Sheep 17.00-34.00. GOATS 26. Mature 17.00-25.00, few 43.00; Kids 12.00-22.00, few 27.00.

Belleville Livestock

Belleville, Pa.
Wednesday, August 14
Report Supplied by PDA

CATTLE 107. Breaking Utility and Commercial slaughter cows 35.50-38.50, couple 40.50, Canner & Low Cutter 28.00-35.00, Shells down to 27.00, Yield Grade No. 1 1000-1720 lbs. sl. bulls, 42.50-48.00.

FEEDER CATTLE: Steers Medium & Large Frame #1 58.00-68.50.

CALVES 221. Standard & Good 85-110 lbs. 38.00-46.50.

FARM CALVES: Holstein bulls 95-110 lbs. 65.00-78.00.

HOGS 170. US No. 1-2 230-250 lbs. barrows and gilts 43.60-45.60 few to 46.00, No. 2-3 200-270 lbs. 42.50-44.00, US No. 1-3 360-600 lbs. sows 29.50-34.00, Boars 25.00-29.50.

FEEDER PIGS 245. US No. 1-3 15-25 lbs. feeder pigs 17.50-31.50, No. 1-3 25-50 lbs. 32.50-40.50.

SHEEP 20. Good and Choice 75-120 lbs. 51.00-67.00, Few slaughter ewes 17.00-27.00, Goats 10.00-23.00 per head.

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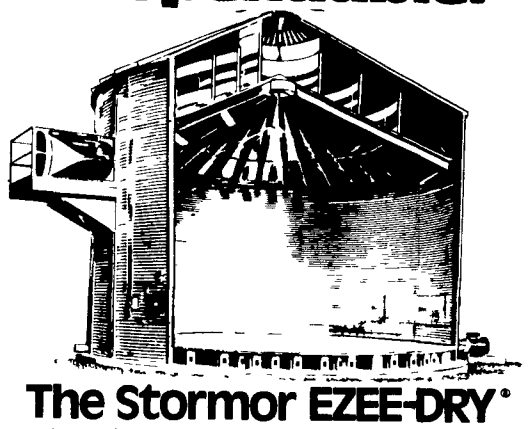

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Keister's Livestock

Middleburg, Pa.
Tuesday, Aug. 13
Report supplied by PDA

CATTLE 373. Choice 48.50-53.85 few 55.50, Good 46.50-52.75, Standard 44.50-46.50, Utility 40.00-44.50. Choice sl. heifers 46.00-49.00 few 50.75, Good 43.00-46.00, Standard 40.00-43.00, Utility 38.00-40.00. Breaking Ut. & Commercial sl. cows 36.75-40.85, Cutter & Boning Ut. 34.00-38.75, Canner & Low Cutter 31.50-34.00, Shells down to 30.00. Choice sl. bullocks 52.75-54.00, one 61.10, Good 48.00-52.75. Yield Grade No. 1 1200-1965 lbs. sl. bulls, 46.00-49.00, few 51.00, Yield Grade No. 2 800-1200 lbs. 43.00-46.00.

FEEDER CATTLE: Steers M 1-2 350-888 45.00-62.50, Heifers M 1-2 350-800 lbs. 35.00-53.50.

CALVES 195. Good 60.00-76.00, Standard & Good 90-110 lbs. 50.00-55.00, 60-90 lbs. 44.00-50.00, Holstein bulls 90-125 lbs. 60.00-80.00.

HOGS 508. US No. 1-2 215-235 lbs. barrows and gilts 47.50-48.50 few 49.00, No. 1-3 210-248 lbs. 47.00-47.50, No. 2-3 190-250 lbs. 45.50-47.00, No. 2-4 190-270 lbs. 42.00-45.50. US No. 1-3 300-600 lbs. sows 35.00-38.00 few 41.50, No. 2-3 270-500 lbs. 30-35. Boars 27.25-30.00, Light weights 30.00-33.50.

FEEDER PIGS: 345. US No. 1-3 25-40 lbs. feeder pigs 20-38 per head, No. 1-3 46-50 lbs. 35.00-46.50.

SHEEP 35. Choice 85-120 lbs. 60-69 lbs. Good 65-85 lbs. 55-60 lbs. Slaughter ewes 20-28.

Weekly Summary

Harrisburg, PA
Friday, August 9
Report supplied by PDA
12 Livestock Markets

CATTLE: 6274. Compared with 6255 head last week and 6595 head a year ago. Slaughter steers mostly steady to 2.00 higher; spots 3.00 higher; heifers unevenly steady; cows mostly steady to 1.00 higher; bullocks not fully tested; bulls uneven. High Choice & Prime 3-4, 51.50-68.85; Choice 2-4, 40.00-54.50; Good 47.00-52.00; Standard 41.00-47.00; heifers Choice 47.00-51.75; Good 43.00-48.00; Standard 39.00-42.75; cows Breaking Utility & Commercial 35.75-39.50; Cutter & Boning 34.00-38.00; Canner & Cutter 28.00-35.50; Shells down to 20.00; bullocks few Good & Choice 46.00-50.25; Yield Grade 1, 1000-2000 lb. bulls 43.00-49.75; No. 2, 900-1450 lb. 41.75-45.50.

FEEDER CATTLE: Steers Med. Frame 1, 4700 48.00-60.00; heifers Large No. 2, 350-900 lb. 32.75-39.75; Med. 1, 400-800 lb. 40.00-47.00.

CALVES: 3969. Compared with 3895 head last week & 5005 head a year ago. Vealers mostly steady to 5.00 higher; few Prime 95.00-110.00; Choice 67.00-81.00; Good 54.00-62.00; Standard & Good 110-130 lb. 50.00-65.00; 90-110 lb. 42.00-50.00; 65-85 lb. 38.00-43.00.

FARM CALVES: Hol. Bulls 90-130 lb. 50.00-93.00; mostly 65.00-80.00; heifers 90-125 lb. 42.00-56.00.

HOGS: 4861. Compared with 5663 head last week and 6992 head a year ago. Mostly 2.00-3.00 higher; 1-2, 210-245 lb. 45.00-46.50; 2-3, 210-250 lb. 43.50-46.00; 2-4, 200-285 lb. 42.00-43.75; 1-3, 140-200 lb. 41.00-43.00; Sows steady to 1.00 higher; 1-3, 300-600 lb. 32.00-37.00; 2-3, 300-650 lb. 30.00-34.00; Boars 30.00-34.00.

FEEDER PIGS: 807. Compared with 1128 head last week and 1303 head a year ago. Steady to 5.00 higher; 1-3, 20-35 lb. 18.00-32.00 per head; 35-60 lb. 27.00-45.50 per head.

3 GRADED FEEDER PIG SALES: 1776. Compared with 1995 head last week and 2527 head a year ago. Steady to 5.00; spots to 8.00 higher; 1-2, 25-40 lb. 83.00-96.00; 40-50 lb. 72.00-91.00; 50-60 lb. 70.00-93.00; 60-80 lb. 62.00-75.00; 2-3, 30-40 lb. 70.00-83.00; 40-60 lb. 53.00-72.00.

SHEEP: 1496. Compared with 1142 head last week and 1352 head a year ago. Steady to 4.00 lower; High Choice & Prime 65-120 lb. 60.00-75.00; Choice 75-100 lb. 55.00-58.00; Good 50-90 lb. 45.00-58.00; Sl. sheep 10.00-28.00.

North Jersey Livestock

Hackettstown, NJ
Tuesday, August 13
Report supplied by auction

Calves- 20.00-79.00.
Cows 28.00-40.25.
Easy Cows 25.00-38.25
Heifers 36.25-44.00.
Bulls 44.00-53.25.
Hogs 30.50-55.00.
Roasting Pigs, each 18.00-52.00.
Sows 32.00-35.50.
Sheep 11.00-49.00.
Lambs, each 18.00-44.00.
Lambs, per lb. .40-.84.
Goats, each 10.00-65.00.
Kids, each 5.00-28.00.
Hides, each 12.00.
Total 1092.

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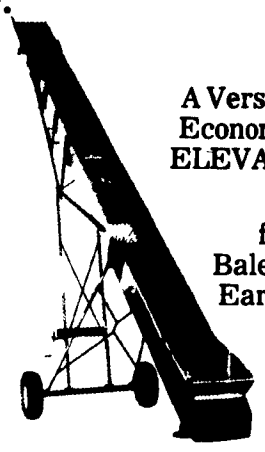

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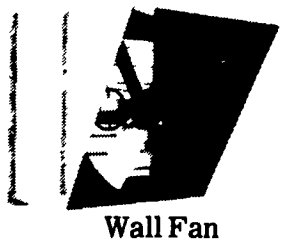

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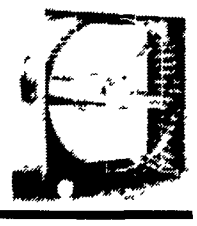
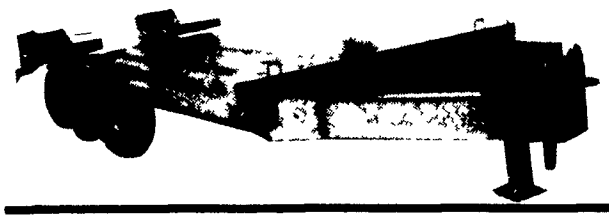


UTILITY TRAILERS



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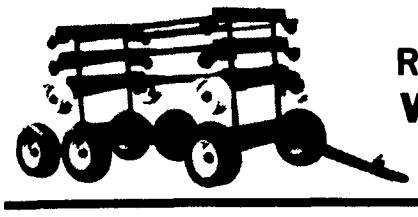

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Friend elected president of National corn growers

ST. LOUIS – Dain Friend of Warrensburg, IL will become president October 1 of the 14,300 member National Corn Growers Association (NCGA). Friend was elected at NCGA's 27th annual convention held at the Stouffer Five Seasons Hotel in Cedar Rapids, Iowa.

Harold Cutler of Scotland Neck, North Carolina was elected first vice president; Ray Schaub of Ithaca, Michigan as secretary and Jerry Franz of Poynette, Wisconsin as treasurer for NCGA.

Five vice presidents were also elected including George Anselm of Taylorville, IL for legislative affairs; Leonard Binstock of Dodge Center, MN for public relations; John Pellet of Chesterfield, MO for market development; Marion Hartman of Hillsboro, OH for research and education and Alan Kemper of Lafayette, Indiana for membership.

NCGA also recognized three individuals for their outstanding contributions to the association for the past year.

Owen J. Newlin of Pioneer Hi-Bred International, Inc. of Des Moines, Iowa received the President's Award for his efforts in the advancement of the corn growers association and the corn industry. Harlan L. Meier of Dixon, Iowa received the Membership Recruiter's Award for promoting his crop by signing the most new members for the year with 80. The NCGA Communicator's Award went to Craighton Knau of KMA Radio in Shenandoah, Iowa as the outstanding media person for the year.

During NCGA's annual convention, the voting delegates from the 16 affiliated member state corn grower associations adopted several new resolutions addressing the problems of the Farm Credit System. The delegates urged the President and Congress to pursue:

- a General Accounting Office (GAO) audit of the Farm Credit System with a preliminary report in sixty days to reveal the current financial conditions facing U.S. farmers.
- a Presidential Task Force to develop short term alternatives addressing the Farm Credit System problem and long-term options to meet the needs of agriculture in the future.
- congressional hearings to develop meaningful legislation to help farmers and agriculture credit institutions in this crisis and create an agriculture credit system able to withstand the rigors of the world market place.

NCGA also supports the concept of tax-exempt bonds for funding the Farm Credit System and supports legislation to implement the use of tax-exempt bonds.

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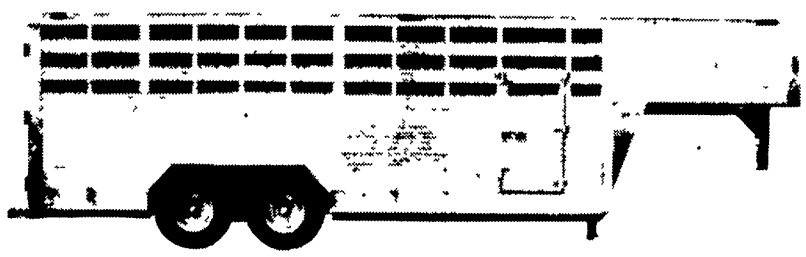

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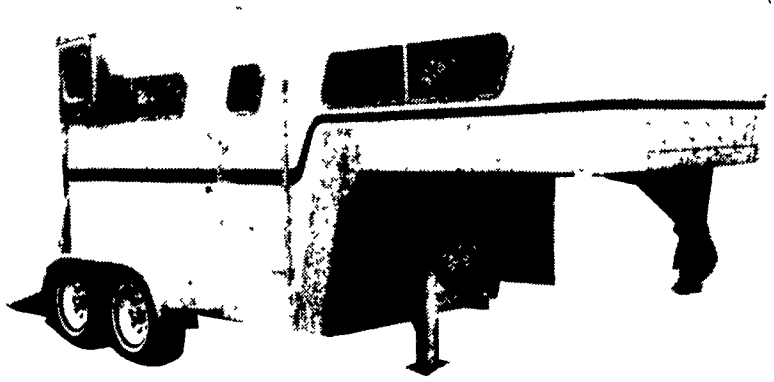

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Ram lamb testing pays off at Ohio's Southeast Center

BELLE VALLEY, OH – Charlie Boyles, manager of Ohio's Southeastern Ag Research and Development Center, believes there's no need to test a year-old ram. And he ought to know–the center is the site for the state's annual Ram Test, the East Coast's only testing station used exclusively for ram lambs.

Nine breeds and over 50 owner flocks were represented on the test this year at Belle Valley. Of the original 168 ram lambs nominated, only those gaining an average of ¾ pound per day are allowed to be sold through the station.

Each year, the lambs are brought in and started on test around April 15th.

"When they arrive, they're only 45 days old," explains Boyles. A couple of lambs even arrived on a bottle-feeding program. Some owners even bring five lambs by the same sire; these are handled together as a progeny group.

Rams stay on test 112 days and are fed via self-feeders and have access to auto-waterers.

Boyles and his staff try hard to control parasite infestation at the center, with only limited success. They have not yet found a completely effective method of parasite control, however, the ram lambs gained an average of .86 lbs. a day by the end of this year's test.

Top breed average was 1.04 lbs. a day, gained by the three Shropshire rams on test. Suffolks, the biggest numbering group at the Ohio test, gained 1.03 pounds daily.

Boyles mentions the work of Dr. Charles Parker, formerly at Ohio and presently on staff at The Federal Sheep Research Center in Idaho and a lifetime advocate of ram lamb testing, when he is asked why the Station tests only ram lambs.

Current research at West Virginia University would seem to confirm the validity of the approach. Ram lambs in this study are performing on par with (and sometimes better than) yearling or mature rams.

The economic advantage is obvious–with a lamb, an entire year of feed and time isn't invested only to discover that the animal is not a reliable breeder.

"Once a buck sheep is a year old, you don't know how good he was–or wasn't–for a whole year," Boyles points out. "There's no need to test a year old ram."

Esskay exec to Maryland ag post

ANNAPOLIS, MD. – Robert L. Walker, a former Esskay executive has been named Executive Assistant to the Secretary at the Maryland Department of Agriculture, filling the vacancy created by the retirement of W. Frank Wadsworth, Jr.

"Mr. Walker brings to his new position a proven track record and impressive background in corporate management," said Wayne A. Cawley, Secretary of MDA, "I look forward to working with Bob and am proud to add such distinguished talent to this department."

For the past eleven years Mr. Walker has held various positions with Esskay, most recently that of Vice President, Corporate Services.

The newly named MDA executive has attended the School of Public and International Affairs at George Washington University where he was a graduate student of Russian Studies. He received his B.A. degree in Political Science from Towson State University.

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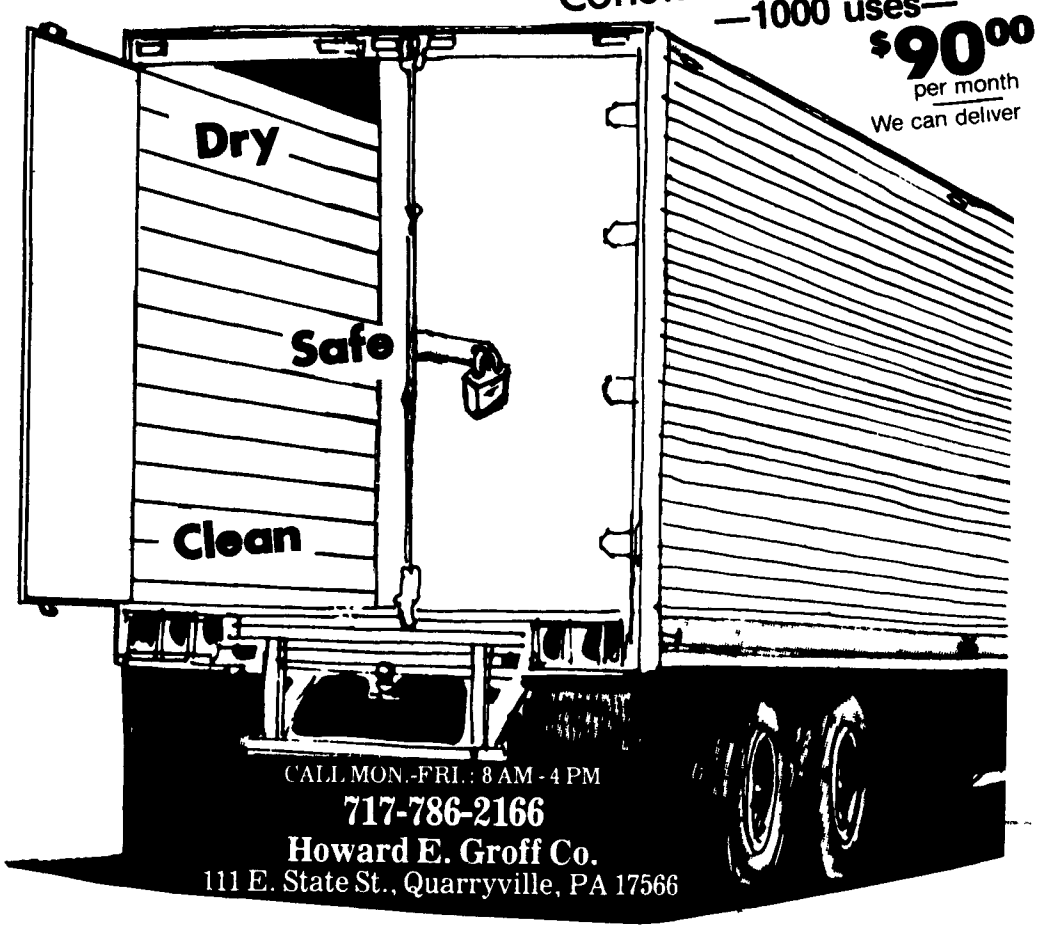

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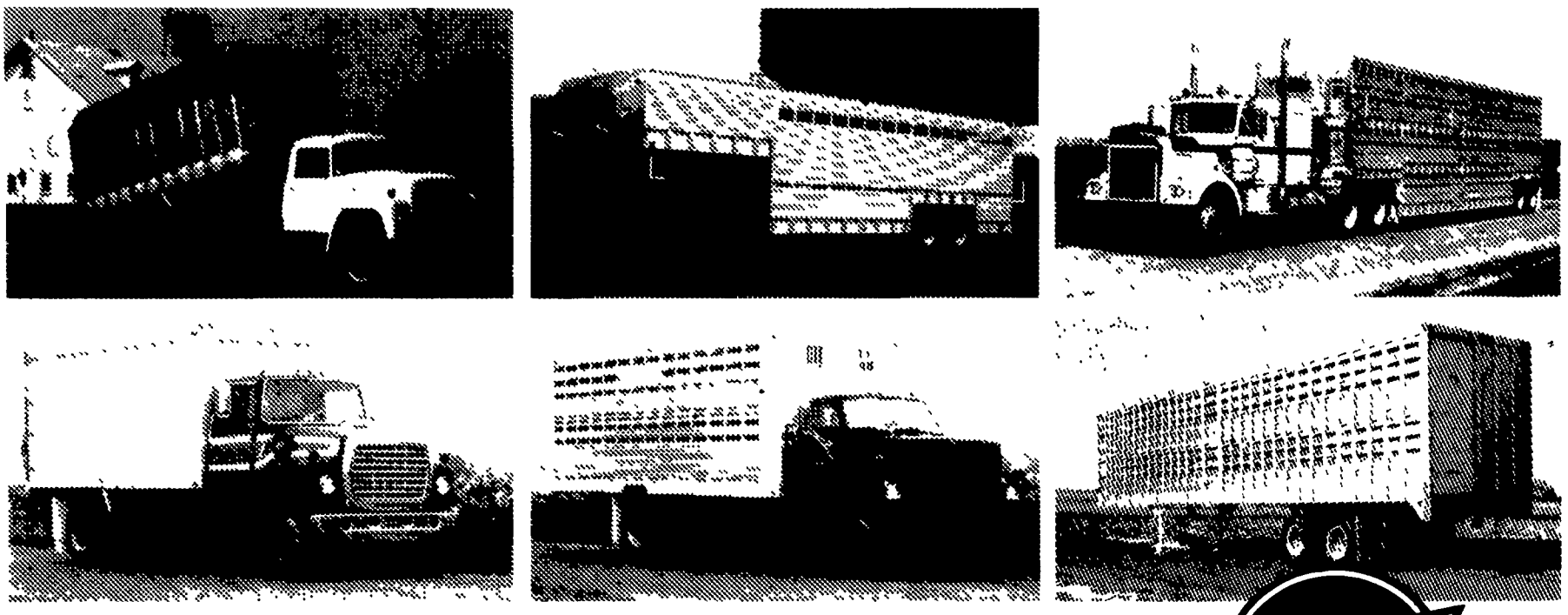

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Marburger's host Butler Holstein meeting

BY BARBARA RADER
Staff Correspondent

EVANS CITY — Nearly 300 Holstein enthusiasts attended the Butler County Holstein Twilight Meeting, held recently at the well-known Marburger Farm Dairy.

The 375-acre dairy farm and milk plant is owned and operated by Martin Marburger and his son, Jim. George Cudoc currently serves as farm manager of the 130-cow dairy.

Sam Minor, of Washington County, served as official judge for a dairy judging contest during the evening activities. First-place judge was young Dale Wible, Butler, the six-year-old son of Curt and Colleen Wible. He received a show halter, and many other prizes were awarded to youth and adult winners.

Butler County Dairy Princess Carolyn Sheiver presented the dairy promotion skit that she will be giving during the state pageant.

Beverly Minor, a member of the Pennsylvania Dairy Promotion Advisory Board, presented a program on the current milk situation and played several tapes of radio and television commercials promoting dairy products.

Organizers for the twilight meeting were Holstein leaders Al Hogg and Wendell Smith, the Butler County Extension Service, Atlantic Breeders, and Agway, Inc.

A judging contest highlighted events at the recent Butler County Holstein twilight meeting.

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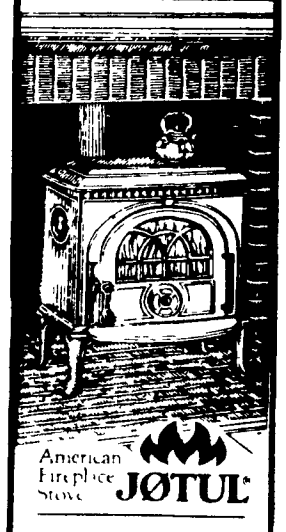

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Moldboard enthusiasts congregate in Yor C

BY JOYCE BUPP
Staff Correspondent

YORK NEW SALEM — Plowmen do not enter contests for the prize money.

Even the top award — $100 and a trophy — hardly underwrites the expense of hauling a favorite tractor and plow, even from a neighboring county.

Still, a core of devoted moldboard enthusiasts trucked their favorite models miles across the state to compete Wednesday at the State Plowing Contest, held in conjunction with York County's own contest and Annual Conservation Tillage Field Day. The event took place at the Joe Stump dairy farm.

Carefully eyeballing each pass of the plowshares under a broiling 94°F. sun and almost choking humidity, entries from Lancaster and Dauphin Counties hauled home the first place honors.

Robert Miller, Millersburg R2, a frequent winner in Dauphin County and state small plow contests, added yet another honor to his growing list of awards. Following in the second and third places were Terry Sunday, York, and Gerald Alwine, Somerset.

Large plow honors went to Frank Burkholder, 1030 Silver Spring Road, Lancaster. A veteran plowman, Burkholder has been an entrant since 1968.

Following in second was Frank Kocevar, Dauphin County, and third was Jay Stoner, representing Cumberland County. York County's Randall Keeney wrapped up the forth place spot with Rommert Stellingwerf fifth in a contest which saw a slim 27-point spread among the five finishers.

Contour division top spot also went to Dauphin County as Neil Leffler, Star Route Gratz, outplowed close second James Mowery of Somerset. Host farm employee Jerry Yohe represented York for the third-place position.

First place winners each received $100 cash prizes and trophies. Runnerup winners earned $75 cash awards, while all other entrants took home $50 toward their entry expenses.

Presentation of the state awards was the highlight of the county's annual tillage demonstartion event, which opened at a just slightly cooler early morning hour to the county's own plowing competition.

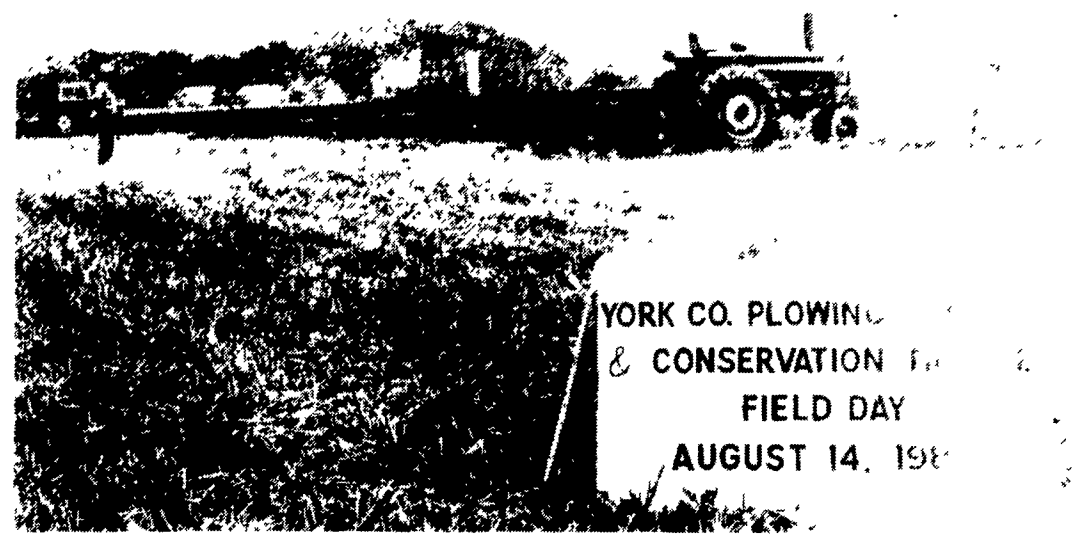
Terry Sunday, York, bested runner-up John Miller of Airville in the small plow category. Charles Noonan and Greg Tawney, York, were third and fourth placers. Large plow county title went to Randall Keeney over host Joe Stump in second and Jerry Yohe, third.

Winners returned to their rigs for the state showdown. Jerry Yohe represented York County in the contour division which is held only at the state level.

Tillage demonstrations, related presentations by Extension and Conservation Service personnel, and antique equipment displays kept the pace of the educational day moving.

Demonstrations ranged from draft horse one bottom plowing by Seven Valleys farmer Peter Bryn

Taking the York County plowing honors were from left, Terry Sunday, small plow; Jerry Yohe, contour; and Randall Keeney, large plow.



For passers-by scratching their heads at the dozen or so tractors crawling through a single flat field, this sign gave at least a hint of the contest and events marking Wednesday's plowing contest hosted in York County.

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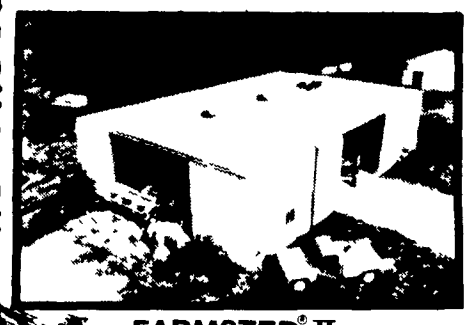
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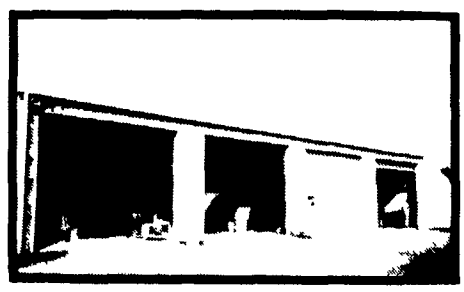
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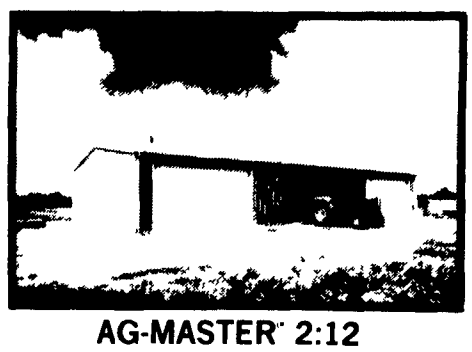
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County for State Plowing Contest

State plowing contest winners who are now eligible to compete at the national level are from left, Frank Burkhart, Lancaster, large plow; Neil Leffler, Gratz, contour; and Robert Miller, Millersburg, small plow.

to the very latest in conservation tillage machines shown by the numerous local equipment dealers who participated.

Working perhaps the hardest under the broiling sun, in addition to those sweating it out from the tractor seat, were the judges who evaluated the edges, depth, uniformity and finishing touches of the freshly turned plots.

Among them was Margaret Kocevar, daughter of contestant Frank Kocevar, and a plowing expert in her own right. Armed with yardstick, clipboard and broad brimmed hat to fend off sunburn, she spent several hours fieldside measuring and marking down points on the detailed score sheets.

"The beginning and the end furrows are crucial parts," she explained. "And the ends must be uniform."

By national rules contestants are allowed 20 of their total 90 minutes to make the "opening split," the first through slice which must be straight and shallow but clean cut through the trash cover.

"Furrows must have clean walls and be uniform between rounds," she added. "You shouldn't be able to determine the passes of the plow or where a three, four, five or whatever sized plow was used."

Contestants can't relax even at the very end, since the finish furrow is a sort of final plowman signature to the job.

"The finish furrow separates the men from the boys," attested judge Kocevar. "It should be consistent with the plowed depth of the other furrow. Shallow, but no more shallow than other passes to prevent soil erosion or allow a deep furrow where water could collect."

While she claims to never have really plowed in competition, Margaret has put in plenty of hours at the job on the family's home farm at Harrisburg R1. After accompanying her father to contests since 1960 and watching as a spectator for a number of years, she attended a plowing judging school at Penn State and became a certified judge. Two years ago she served as one of the officials at the National Plowing Contest hosted in York County.

Contest judge Margaret Kocevar measures a furrow.

Aycock chosen

COLLEGE PARK, Md. – M. Kenneth Aycock, Jr., of Greenbelt (Prince Georges County) has been named interim agronomy department chairperson in the College of Agriculture at the University of Maryland. Dr. Aycock succeeds James R. Miller, who retired on June 30 after 27 years of service to the state's agricultural community.

A faculty member at the College Park campus since 1966, Aycock is well-known among the nation's professional tobacco research workers. More than two-thirds of Maryland's tobacco crop is grown from varieties which Aycock helped to develop in cooperation with the Maryland Agricultural Experiment Station.

In addition to development of new varieties, Aycock has been involved in cooperative research on disease resistance, fertilization response and air pollution effects on Maryland tobacco.

In 1970 the University of Maryland's College of Agriculture alumni chapter honored him with its "Excellence in Research" award. The Northeastern branch of the American Society of Agronomy presented him with its annual research award in 1982.

A native of Warrenton, N.C., Aycock holds B.S. and M.S. degrees from North Carolina State University and a Ph.D. degree in plant breeding from Iowa State University.

After receiving his baccalaureate degree, Aycock spent a year (1959-60) as the first vocational agriculture teacher in Bear Grass high school at Williamston, N.C. He is married and the father of two children.

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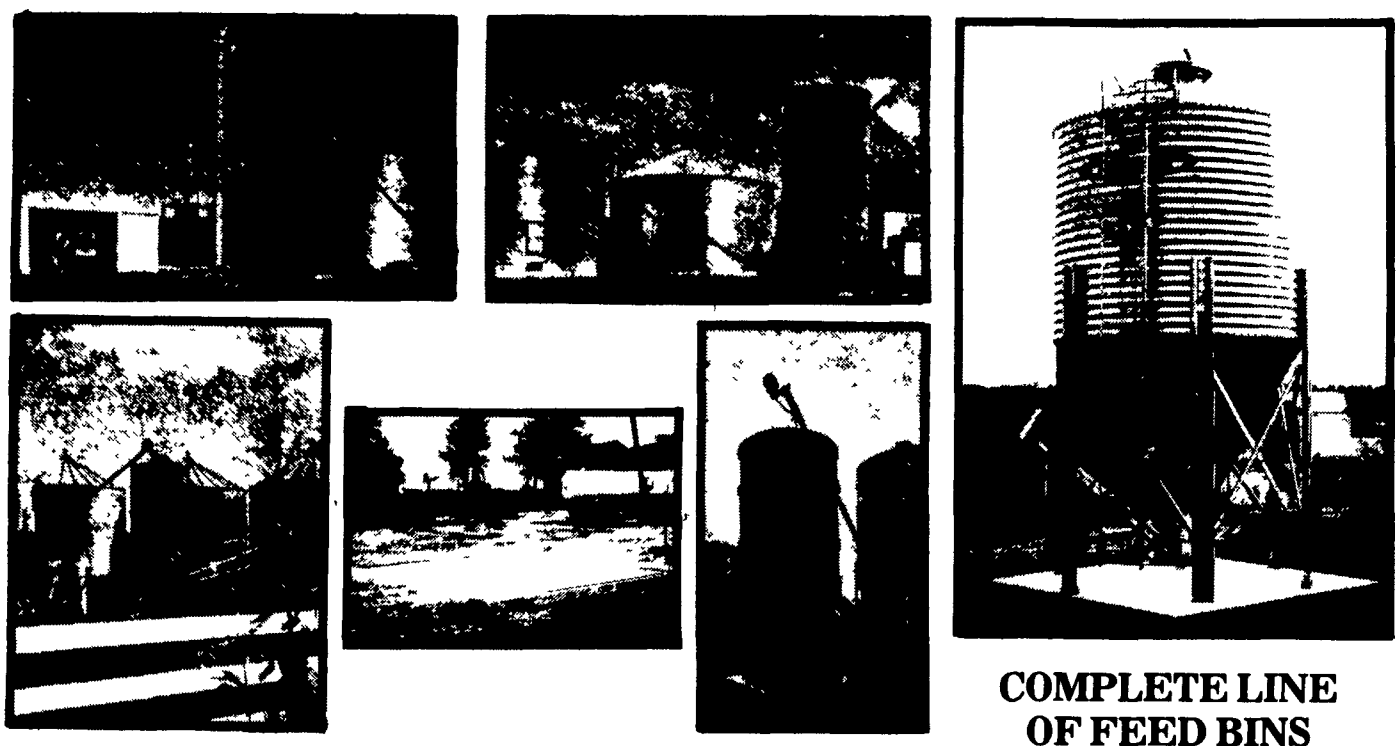

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Stamy, Hubbard claim Southcentral Holstein championships

BY WENDY WEHR

CARLISLE — A pair of four-year-olds captured the judge's attention during the Southcentral Pennsylvania Holstein Championship Show, held August 10 at the Carlisle Fairgrounds.

Two junior exhibitors showed their four-year-old entries to the show championships. John F. Stamy IV claimed the senior and grand championships with his Manor-Grove Beatnik Melisse, while C.E. Hubbard III accepted the reserve titles for his Kowraygan Creek Linnan Jean.

But the judge's choice between the pair did not come easily. As he pulled them into first and second place in an exceptionally nice class of four-year-olds, judge Donald Seipt, of Keystone Farm, Easton, noted the tightness of the placings.

"If I owned them, from day to day I'd probably switch them around," commented Seipt following the show.

But he called them as he saw them on show day, which left Stamy's Royal-Haven Elevation Beatnik daughter in the top spot. The fine four-year-old also received the best-bred-and-owned title and the award for best udder of show.

Stamy, a Mechanicsburg native, has shown Melisse in 4-H and junior shows, where she has placed consistently at the top of her class. In 4-H competition at Shippensburg this year, she was also grand champion.

An honorable mention winner in the All-Pennsylvania contest as a junior two-year-old, Melisse is also a healthy producer, giving 95 pounds on her last two tests. She is scored VG-87, but Stamy noted that she's been dry both times she's been classified.

As the reserve grand champion, Hubbard's Creek Bluff Elevation Lester daughter also has many show awards to her credit, including last year's southcentral Holstein championship title. Just a few week's ago she repeated as grand champion at the York Holstein Show.

The Ex-90 Jean was a junior All-Pennsylvania winner and has a 20,000 pound milk record. She was bred by Hagan, Mikown, and Seidel.

In the run for the premier breeder and premier exhibitor banners, Le-Ida Farms of Newville earned the honors. Leroy, Ida, and Edgar Showaker, of Le-Ida, were pleased to claim the banners for the second year in a row.

Enjoying show competition, the Showakers have won the premier awards five years in a row at the Shippensburg Fair.

"We breed show cows; we're not into the numbers," remarked Edgar following the presentation of the awards. The Showakers milk 80 cows and have a 17,300 pound milk and 640 pound fat herd average.

The junior champions of the southcentral show were shown by Dale Hostetter, of Lebanon County, and Robert Gitt, Littlestown.

Hostetter's home-bred Dale-Pride Val Favorite-ET was the top summer yearling and went on to receive Seipt's nod for the junior championship. She is an S-W-D Valiant daughter.

Robert Gitt's first-place intermediate yearling heifer earned the reserve junior championship. Penn Gate Sky Star Dawn, also a home-bred entry, is sired by Penn Gate Wallie Sky Star.

In the bull classes, Cindy Showaker showed Le-Ida Val Mr. Nate, a Valiant son, to the championship. Paul and Sharon Fox's Golden Circle Touch of Class, a junior yearling, received the reserve champion title.

Champions were also named in junior competition during the show. The senior and grand championships went, of course, to Stamy and Hubbard with their four-year-olds.

The junior champion in youth competition was shown by Kynel Bomgardner, showing a junior yearling heifer, and Becky Dyarmen, with her senior yearling, Dyar-Acres Lorna Quality, took the reserve junior championship.

On hand to present ribbons and awards throughout the day were five county dairy princesses from the southcentral area, including: Debby Hawbaker, Franklin; Lorie Jamison, Cumberland; Joyce Ruppert, East Berlin; Jennie Hess, Adams; and Beth Anne Rice, Perry.

Chairman for this year's Southcentral Pennsylvania Holstein Championship Show was Mark Naugle.

Following are the results in both open and junior competition for the southcentral show.

These four-year-olds, shown by John Stamy IV (left) and C.E. Hubbard III, captured the judge's attention and the Southcentral Holstein championships. Jeff Harding, of the Pennsylvania Holstein Assoc., and area dairy princesses were on hand to congratulate the pair.

Edgar, Leroy and Ida Showaker were pleased to be holding the premier breeder and exhibitor banners. This is the second year in a row that they've won the awards at the Southcentral Championship show.

OPEN

Junior Bull Calf
1 Margaret H Bomgardner 2 Beshore Farms 3 Roy C Thompson

Senior Bull Calf
1 Cindy Showaker 2 Creedin Cornman

Junior Yearling Bull
1 Paul & Sharon Fox

Junior Champion Bull
Cindy Showaker

Reserve Jr Champion Bull
Paul & Sharon Fox

Junior Heifer Calf
1 Aldina Holsteins 2 Angela L Lang 3 Robert Gitt

Intermediate Heifer Calf
1 C R & Georgianna Locke 2 Aldina Holsteins 3 Neil Stamy

Senior Heifer Calf
1 Robert Gitt 2 Paul & Sharon Fox 3 James & Nina Burdette

Junior Yearling Heifer
1. Kynel Bomgardner 2 James Burdette 3 Lesley King

Intermediate Yearling Heifer
1 Robert Gitt 2 Bridgette Boyer 3 Thomas McCauley

Senior Yearling Heifer
1 Rebecca Dyarmen 2 Rodman Thompson 3 Karen Marteeny

Junior Champion Female
Dale Hostetter

Reserve Jr Champion Female
Robert Gitt

Jr Best Three Females
1 Penn Gate 2 Dyar Acres 3 Corlan Farms

Jr 2 Year-Old
1 James & Nina Burdette 2 Thomas McCauley 3 Lesley King

Sr 2-Year Old
1 C R & Georgianna Locke 2 Thomas Boyer 3 Thomas McCauley

3 Year-Old Cow
1 Robert Gitt 2 Bridgette Boyer 3 Kenneth & Jane Benner

4-Year-Old Cow
1 John Stamy IV 2 C E Hubbard III 3 James & Nina Burdette

4 Years & Under Dry Cow
1 Ira Boyer 2 Thomas McCauley 3 Dave Masland III

5 Years & Over Dry Cow
1 David Vail 2 Sansdale Farms & L Herr 3 Diane Lang

5-Year-Old Cow
1 Leroy Showaker 2 Galen Smith 3 Galen Smith

Summer Yearling Heifer
1 Dale Hostetter, 2 Irene Benner 3 James & Nina Burdette

Aged Cow
1 Leroy Showaker 2 Steve Cornman 3 Creedin Cornman

Senior Champion Female
John Stamy IV

Reserve Sr Champion Female
C E Hubbard III

Grand Champion Female
John Stamy IV

Reserve Grand Champion Female
C E Hubbard III

100 000 Lb Production Class
1 Creedin Cornman 2 Galen Smith 3 Sansdale Farms & L Herr

Udder Class
1 John Stamy IV 2 C E Hubbard III

Produce of Dam
1 Kingway Holsteins 2 Irene Benner 3 Le Ida Farms

Dam and Daughter
1 Windy Knoll View 2 Penn Gate 3 Thomas McCauley

Best Three Females
1 Le Ida Farms 2 Justa Beauty 3 Kingway Holsteins

Best Bred & Owned
John Stamy IV

Premier Breeder
Leroy Showaker & Family

Premier Exhibitor
Leroy Showaker & Family

YOUTH

Junior Heifer Calf
1 Angela L Lang 2 Jennifer Reasoner 3 James Burdette

Intermediate Heifer Calf
1 Neil Stamy 2 Lesley King 3 Paul Carr

Senior Heifer Calf
1 Corey Will 2 Nelson Bomgardner 3 John Barley

Summer Yearling Heifer
1 Irene Benner 2 Dana Doll

Junior Yearling Heifer
1 Kynel Bomgardner 2 Lesley King 3 Jasin Doll

Intermediate Yearling Heifer
1 Bridgette Boyer 2 Thomas McCauley 3 Carla Snoke

Senior Yearling Heifer
1 Rebecca Dyarmen 2 Karen Marteeny 3 Dana Doll

Junior Champion Female
Kynel Bomgardner

Reserve Jr Champion Female
Becky Dyarmen

Jr 2 Year Old
1 Thomas McCauley 2 Lesley King

Sr 2 Year Old
1 Thomas McCauley

3 Year Old Cow
1 Bridgette Boyer 2 Tim Smith 3 Irene Benner

4 Year Old Cow
1 John Stamy IV 2 C E Hubbard III 3 Latuch Bros

4 Years & Under
1 Thomas McCauley 2 Dave Masland III 3 Irene Benner

5 Years Dry Cow
1 Diane Lang 2 Rebecca Dyarmen

Senior Champion Female
John Stamy IV

Reserve Sr Champion Female
C E Hubbard III

Grand Champion Female
John Stamy IV

Reserve Grand Champion Female
C E Hubbard III

Manor-Grove Beatnik Melisse, shown by John Stamy IV, was named grand champion of the Southcentral Pennsylvania Holstein Championship Show.

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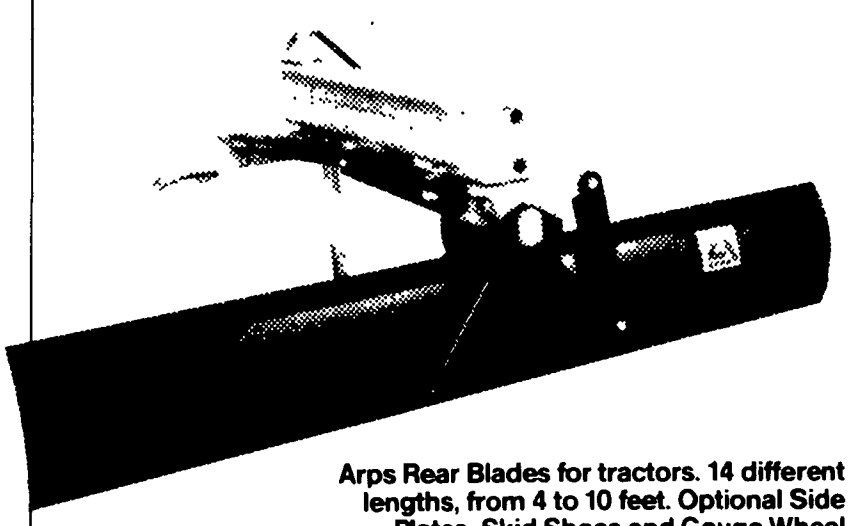

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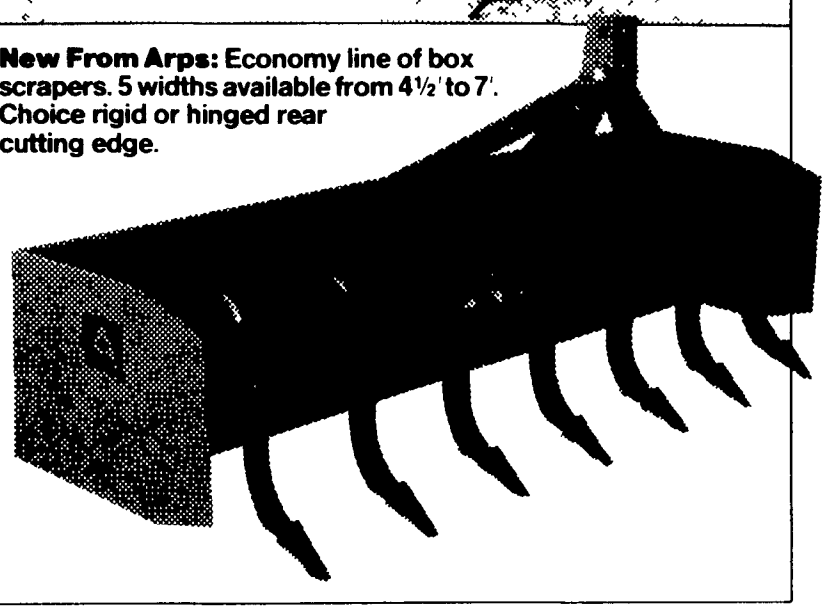

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Plan to attend Pennsylvania Holstein Championship Show

STATE COLLEGE — The Pennsylvania Holstein Association Championship Show is set for Thursday, September 5, beginning at 9:00 a.m. The show will be hosted by the breeders of Western Pennsylvania at the Crawford County Fairgrounds in Meadville. The judge this year will be Norman Hill from Woodbine, Md.

This year the Championship Show takes on added meaning as points accumulated at the State Spring Show, Regional Championship Show and from this show will be tallied to select All-Pennsylvania winners for 1985.

During the Championship Show, approximately 10 animals entered in 1982 will be vying for the Keystone 3-Year-Old Futurity Banner. The winner of this class will also receive a cash award totaling one-half of the entry fees paid into the Futurity.

The breeders of Western Pennsylvania have been working very hard to make this a very enjoyable show, both for the exhibitors and spectators. They will be hosting a buffet on Wednesday, September 4 beginning at 7:30 p.m. Entertainment on Wednesday evening will be provided by a Barbershop Quartet sponsored by Vigertone Mineral & Feed Company.

Holstein enthusiasts are invited to come to Meadville as exhibitors or as spectators. Entries for the show are due to the Pennsylvania Holstein Office, 839 Benner Pike, State College, PA 16801, by August 20.

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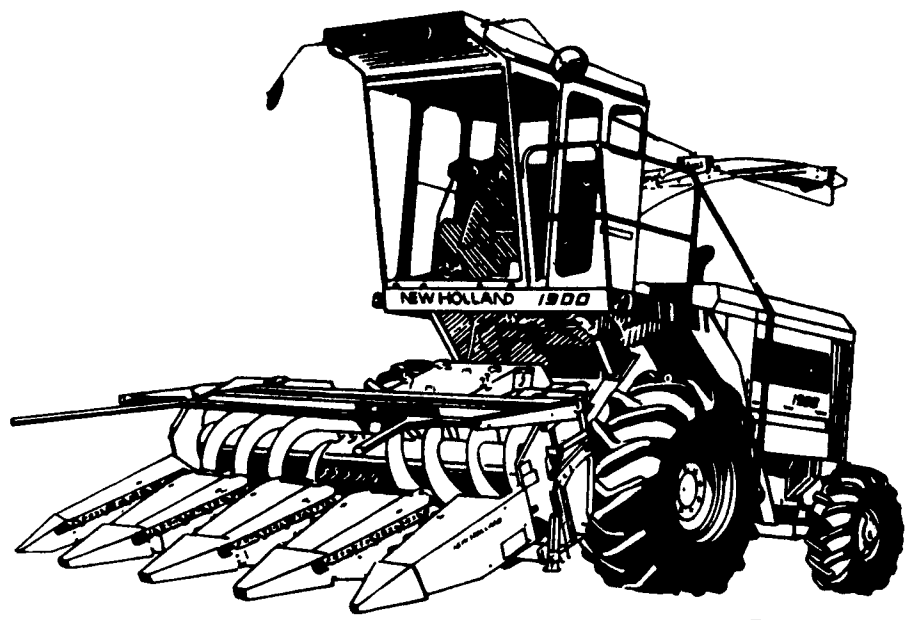

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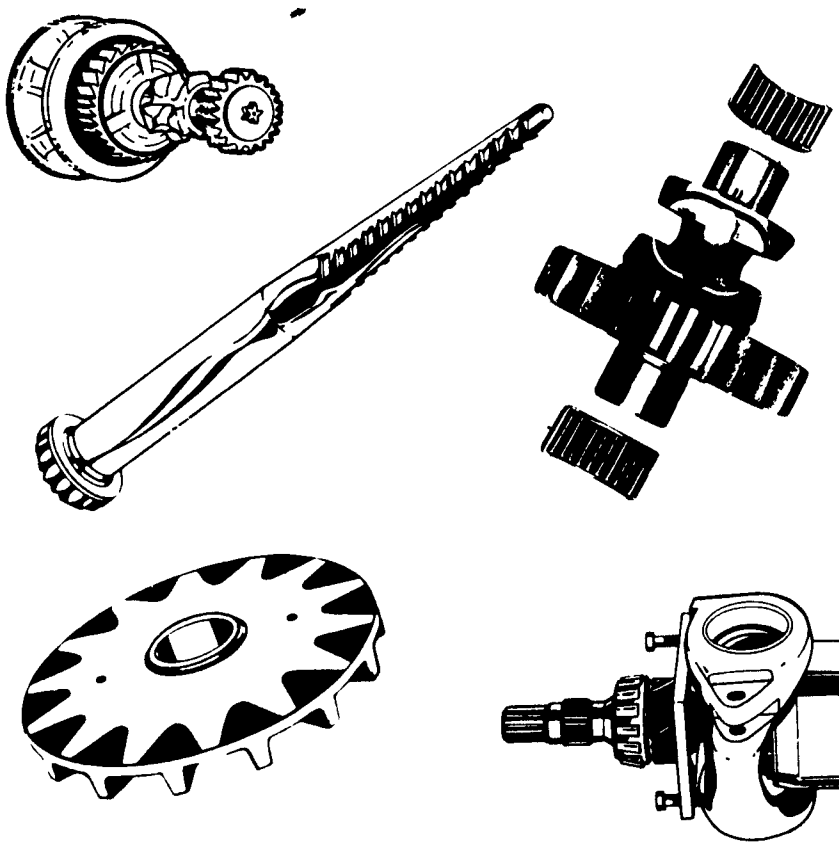

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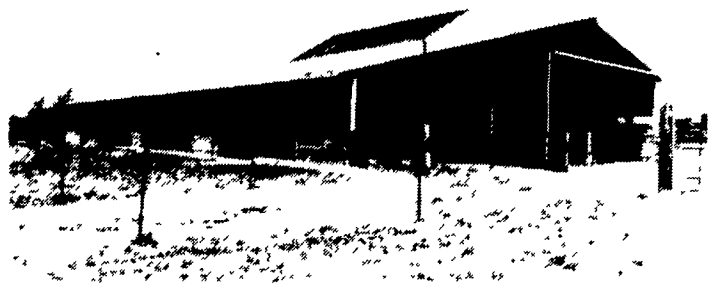

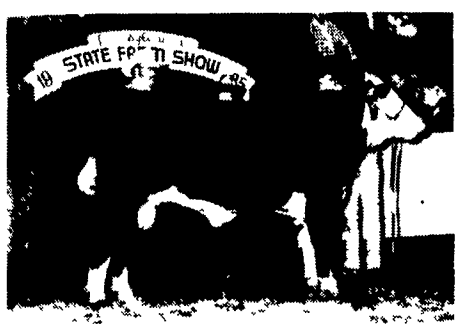

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AJCC names youth production contest winners

COLUMBUS, Ohio – For the third consecutive year, a west coast Jersey youth has captured the top spot in the National Jersey Youth Production Contest. The winner, Dona Casale of Denair, Calif., along with the entire top 15 participants, will be honored at the All American Junior Banquet and Fun Fest in Louisville, Ky. on November 9.

Dona's cow, Mills Mike Dimple, produced 24,600 lbs. of milk on an age-adjusted, 4% fat-corrected-milk (FCM) basis. The winners of the 1982 and 1983 contests were both from the western state of Oregon

This contest is an annual event sponsored by The American Jersey Cattle Club, Columbus, Ohio. It is open to any 4-H or FFA member under 19 years of age with a Jersey project completing a DHIR or DHIA lactation.

The 60 entries this year, submitted by youth from 17 states, averaged a sensational 18,398 lbs. of 4% FCM. The top 15 entries averaged 21,812 lbs. of 4% FCM.

California placed five entrants in the top 10 placings of the contest, including the second prize winner. Todd Rickenberger of Atwater, Calif. owns Starn Pilot Racquel, who produced 24,393 lbs. of 4% FCM.

Northeast youth who placed in the top fifteen included: Timothy Lawton, Newark Valley, N.Y.; Sandra McCorquodale, Townshend, Mass.; Cindy Graf, Walpole, N.H.; Richard K. Sturtevant Jr., Chesterfield, Mass.; and Michael T. Danforth, Cobleskill, N.Y.

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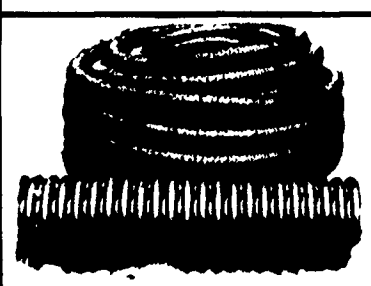

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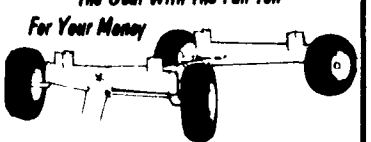

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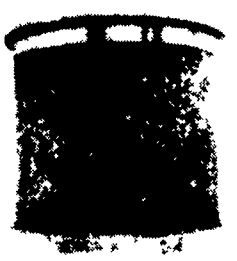

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Rothrock, Rocky-Side capture Eastern Holstein honors

BY JAMES H. EVERHART

KUTZTOWN — Rocky-Side Farms of Elverson, Chester County, and Rothrock Golden Holstein Farms of Kempton, Berks County, walked away with top awards Saturday in the Eastern Pennsylvania Championship Holstein Show at the Kutztown Fairgrounds.

The Rocky-Side entries earned Jefferson and Carl Yoder the Premier Breeder, Premier Exhibitor and Reserve Grand Champion honors, losing only the Grand Champion ribbon to Rothrock's Swampy Hollow Apollo Starlet.

The Rothrock six-year-old also earned best udder and senior champion awards on her way to the top. Judge Creedin Cornman of Carlisle described the winner as a "tremendous cow, well balanced, and with a tremendous frame."

Sired by Hilltop Apollo Ivanhoe, the grand champion cow's dam was Swampy-Hollow J Sweet Sid. She was bred by Swampy-Hollow Farm.

Yoder, who served as chairman of the show, saw his cows place among the top three finishers in six classes, senior 2-year-old, 3-year-old, 4-year-old, 5-year-old, 6-year-old and 100,000-pound production.

It was Rocky-Side Chairman Dean, winner of the 3-year-old class, that brought the Yoders the Reserve Senior and Reserve Grand Championship awards. The cow was sired by Cal-Clark Board Chairman and her dam was Rocky-Side Stan Sparky.

The Junior Championship was won by Kerchenhill Field Sabrina, owned by Kerchenhill Holsteins of Kutztown. Reserve Junior Champion was Walk-up Elevation Luscious, owned by Rothrock Golden Holsteins.

After the show, Cornman said he thought many of the 163 animals entered in the show would do well in further competition.

"There were a lot of good-quality cattle here today," Cornman said. "They should do very well in state competition."

Maple Grove Valiant Melone, owned by Patricia Miller of Nazareth, was the Grand Champion in the Youth Division show, also winning the Senior Championship and the three-year-old Youth ribbon.

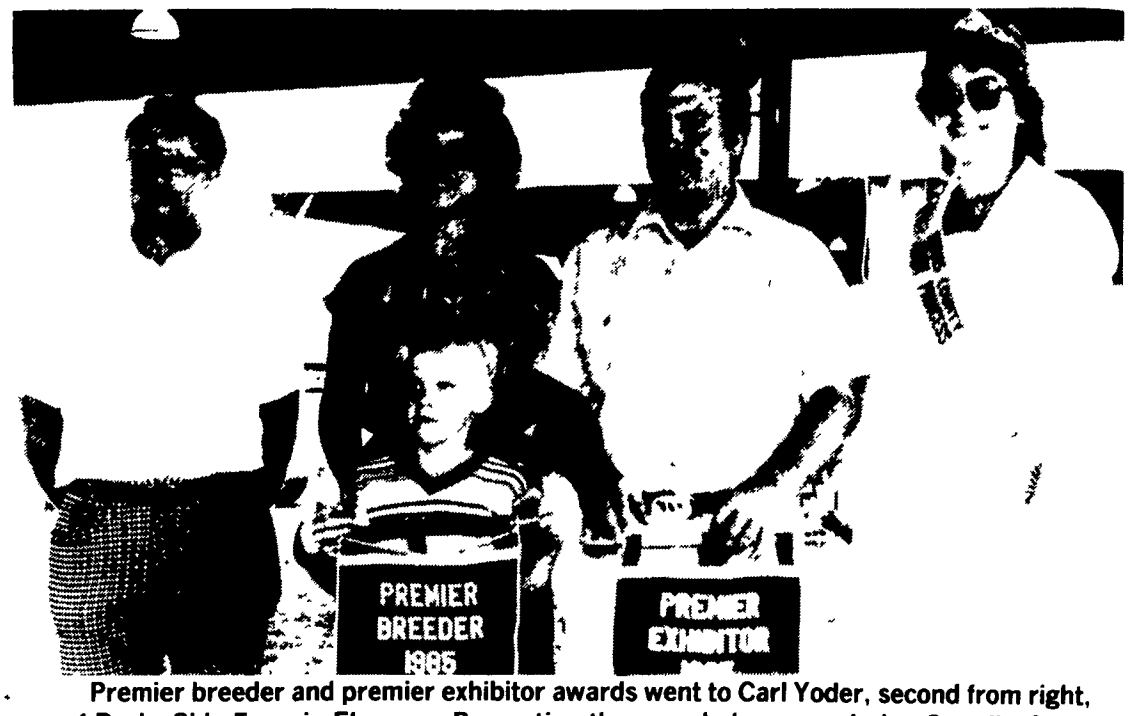
Sired by S-W-D Valiant, the Youth Division winner's dam was M-Maplegrove Elevation Myrtle.

Reserve champion in the youth show was Reu-Hel Sexy Smurfette, owned by Scott A. Troutman of Mohrsville.

Junior Champion in the youth show was Tower-Vue Valiant Cherry, owned by Craig Walton of Newtown, while Reserve Junior Champion was Sukavin Persuader Holly, owned by Karen Kauffman of Peach Bottom.

Eastern Pennsylvania Championship Holstein Show
Show Results
OPEN SHOW
Junior Bull Calf
1 Russel H Miller
Senior Bull Calf
1 Constance Troutman
Senior Yearling Bull
1 Russel H Miller
Grand Champion Bull
Constance Troutman
Reserve Grand Champion Bull
Russel Miller
Junior Heifer Calf
1 Sandra Kauffman 2 Benjamin Wolff 3 Constance Troutman
Intermediate Heifer Calf
1 Rothrock Golden Holsteins 2 R Fitz simmons W Buckman III & K Worthington 3 Delaware Jr College
Senior Heifer Calf
1 Harry E and Aliene Thompson 2 Mr and Mrs Kenneth E Miller and Mr and Mrs C H Guest 3 Daryl Harnish
Summer Yearling Calf
1 Kerchenhill Holsteins 2 Naomi J Herbert 3 Randy Balthaser
Junior Yearling Calf
1 Kerchenhill Holsteins 2 Sandra Frey Thomas 3 Harvey W Stoltzfus
Intermediate Yearling Heifer
1 Craig H Walton 2 T Scott Landis 3 Ker chenhill Holsteins
Senior Yearling Heifer
1 Rothrock 2 Linden Loch Holsteins 3 Patricia Miller
Junior Champion Female
Kerchenhill
Reserve Jr Champion Female
Rothrock
Junior Best Three Females
1 Kerchenhill 2 Maplegrove 3 Reu Hel Farms
Jr 2 Year-Old
1 Scott Troutman 2 Matthew W Seipt
Sr 2 Year Old
1 Cathleen Ohlinger 2 Rocky Side Farm 3 Rocky Side Farm
3-Year-Old Cow
1 Rocky Side Farm 2 Harvey Stoltzfus 3 Patricia Miller
4-Year-Old Cow
1 Donald M Hostetter 2 Rocky Side Farm 3 Harvey Stoltzfus
4-Year-Old Dry Cow
1 Harvey W Stoltzfus 2 Linder Loch Holsteins 3 Donald M Hostetter
5-Year-Old Cow
1 Gary L and Martha J Heffner 2 Adam J Sonnen 3 Rocky Side Farm
5-Year-Old Dry Cow
1 Donald Hostetter 2 Bliss Johnson 3 Duane Stoltzfus
6-Year-Old Cow
1 Rothrock 2 Rocky Side 3 Donald M Hostetter
Senior Champion Female
Rothrock
Reserve Sr Champion Female
Rocky Side
Grand Champion Female
Rothrock
Reserve Grand Champion Female
Rocky Side
100,000-pound Class
1 Donald M Hostetter, 2 Rocky Side Farm 3 Harvey W Stoltzfus
Produce of Dam
1 Maplebound 2 Guest & Miller
Dam and Daughter
1 Pennwood Farm 2 Maplegrove
Best Three Females
1 Rocky Side 2 Pennwood 3 Maplebound
Best Animal of Show
Bred and Owned by Exhibitor
Rocky Side Farm
Premier Breeder
Rocky Side
Premier Exhibitor
Rocky Side

YOUTH SHOW
Junior Heifer Calf
1 Sandra Kauffman 2 Benjamin Wolff 3 Constance Troutman
Intermediate Heifer Calf
1 Cathleen Ohlinger 2 Constance Troutman 3 Adam J Sonnen
Senior Heifer Calf
1 Cathleen Ohlinger 2 Corey Wolff 3 Brian Richard
Summer Yearling Calf
1 Naomi J Herbert 2 Randy Balthaser
Junior Yearling Heifer
1 Sandra Kauffman 2 Constance Troutman 3 Patricia Miller
Intermediate Yearling Heifer
1 Craig H Walton 2 T Scott Landis 3 Cathleen Ohlinger
Senior Yearling Heifer
1 Karen E Kauffman 2 Joe Delong 3 Melissa S Myers
Junior Champion Female
Craig Walton
Reserve Jr Champion Female
Karen Kauffman
Jr 2-Year-Old
1 Scott Troutman
Sr 2-Year-Old
1 Craig H Walton 2 Matthew T Welk, 3 Corey Wolff
3-Year-Old Cow
1 Patricia Miller 2 Scott Troutman 3 Con stance Troutman
4-Year-Old Cow
1 Warren E Buckman 2 Coreen Luckenbill 3 Kevin R Schlegel
5-Year-Old Cow
1 Adam J Sonnen 2 Reu Hel Farms Inc
6-Year-Old Cow
1 James Younker
Senior Champion Female
Patricia Miller
Reserve Sr Champion Female
Scott Troutman
Grand Champion Female
Patricia Miller
Reserve Grand Champion Female
Scott Troutman



Premier breeder and premier exhibitor awards went to Carl Yoder, second from right, of Rocky-Side Farm in Elverson. Presenting the award above are Judge Creedin Cornman, left, and Berks County Dairy Princess Debby Price.

Denny Patrick of Rothrock Golden Holsteins shown here with Grand and Senior Champion Female, Swampy-Hollow Apollo Starlet.

Craig Walton, son of Mr. and Mrs. David Walton of Newtown, won the Junior Championship of the Youth Show with Tower-Vue Valiant Cherry.

Youth Division winners Patricia Miller, right, and Connie Troutman stand with their Grand Champion and Reserve Grand Champion animals.

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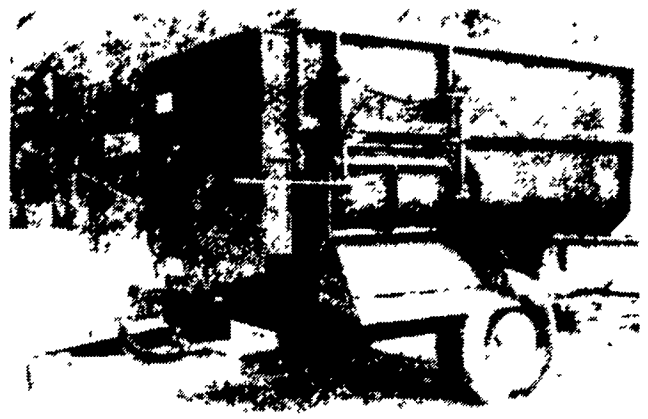

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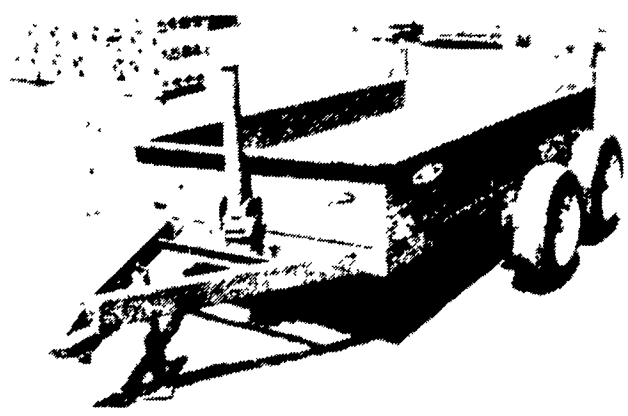

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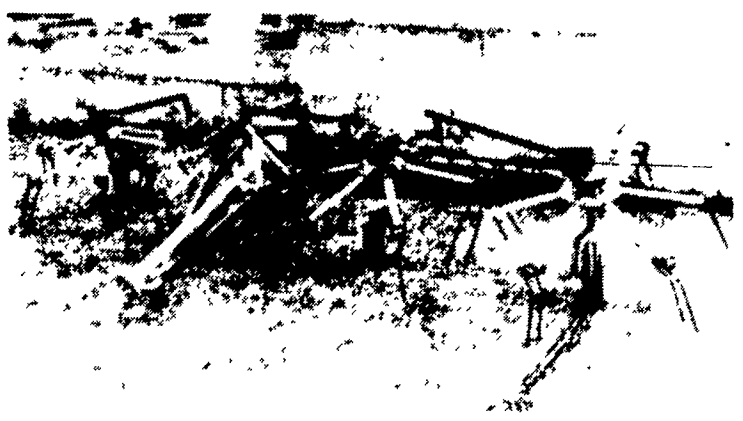

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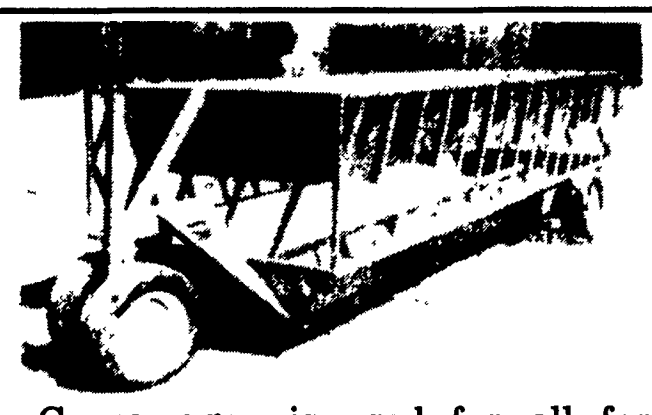

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20' GRAZAWAGON

NFU sponsors meetings with key legislators

ST. PAUL – Urgent and specific action on the 1985 Farm Bill will be discussed at a series of Country Homecoming meetings for rural Congressmen and all Senators. National Farmers Union and the state Farmers Union organizations will sponsor the meetings during the last two weeks of August. The vital, closed meetings are expected to produce frank discussions between members of Congress and key rural business people. Current farm law expires Oct. 1.

The 1985 Farm Bill is of such national importance that it cannot be put aside while Congress is on recess, the NFU said in scheduling the meetings. All rural people are entitled to know what the farm bill will contain and what action their Congressman will take, since it has a direct effect on income and employment.

The rural community cannot retreat from the need for improved farm income as its first priority, NFU President Cy Carpenter said. If lower export prices for farm commodities are to become national policy, Congress must decide who will pay the price–it cannot be the farmer, Carpenter said.

NFU staunchly supports higher loan rates and market prices, and adamantly opposes the moving average method of setting loan rates that will force commodity market prices and farm income lower each year.

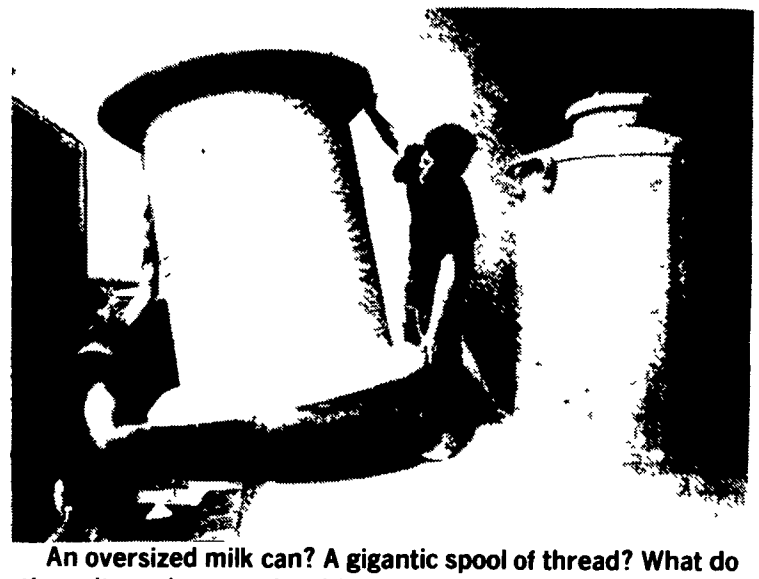
According to Chase Econometrics, lower loan rates will not significantly improve U.S. farm export markets. And, a Nebraska Wheat Board market analysis shows that during the recently completed marketing year when wheat prices were considerably lower, wheat exports were also low.

Low commodity prices also have a direct effect on consumers. Average house payments will rise by $80 a month if loan losses from farm bankruptcies are allowed to reach $20 to $25 billion, the National Corn Growers Association recently revealed. The Corn Growers' study, using Iowa State University farm income projections and the Wharton Econometrics model of the U.S. economy, goes on to say those loan losses could also result inthe loss of 175,000 to 275,000 agribusiness jobs, cut total gross national product by $30 to $50 billion over eight years, and increase the federal debt by $14 to $21 billion by 1993.

Farm bill decisions are even more urgent following the failure of the House or Senate agriculture committees to pass bills for floor consideration before the August recess. Winter wheat farmers are planting in many sections of the country, including Texas, Oklahoma and Kansas. Other farmers who received six month financing last spring or who face land payments this fall are making critical production and financial decisions as well.

Country Homecoming meetings are being scheduled across the nation, in an attempt to bring the dialogue home to rural districts and include rural business people.

Preparations underway



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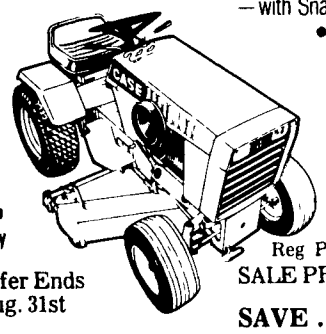

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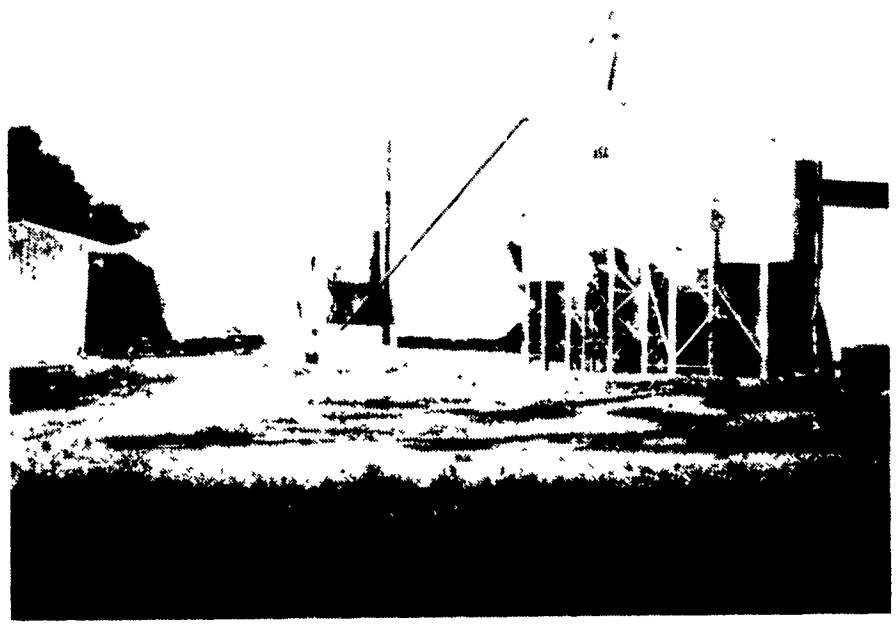

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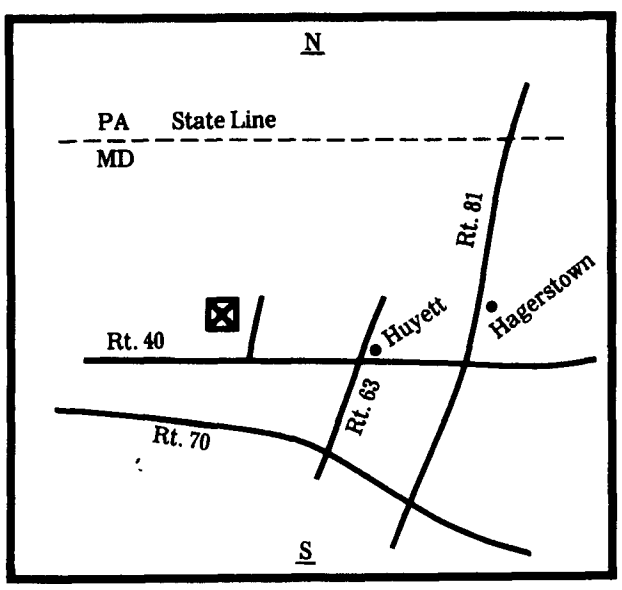

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ASA opposes compromise on cargo preference regs

ST. LOUIS, MO. – Calling a recent compromise between several agricultural groups and maritime interests neither desirable nor workable, the president of the American Soybean Association (ASA) has urged Congress and the Reagan Administration to support legislation exempting commercial agricultural export programs from cargo preference regulations.

The compromise would exempt commercial agricultural export programs such as Export PIK, GSM 102 and Blended Credit from cargo preference. However, it would increase from 50% to 75% the U.S. flag shipping requirements for the P.L. 480 "Food for Peace" program. The extra funds for this increase would supposedly be allocated by the U.S. Department of Transportation.

"We are very concerned with a 'snapback' provision in this compromise which would disallow these export program exemptions of the Transportation Department was unable to provide the necessary funds," said ASA President Roger Asendorf, a Minnesota soybean farmer. "This would force agricultural groups to lobby each year for extra maritime industry subsidies through the Transportation Department to protect our commercial export programs."

U.S. Undersecretary of Agriculture Daniel Amstutz has indicated the increase in P.L. 480 allocations to U.S. flag vessels, as proposed in the compromise, could cost as much as $150 million. Asendorf noted it would be ludicrous to imagine the Transportation Department requesting additional funding when the mood of Congress is to reduce spending.

Asendorf said soybean farmers support Senate bill "S. 721."

"This particular bill, which was unanimously approved by the Senate Agriculture Committee, exempts commercial agricultural export programs from cargo preference without increasing the P.L. 480 allocation," said Asendorf. "This would be a return to 'status quo'...the situation which existed prior to a February 1985 court decision requiring the application of cargo preference to USDA's blended credit program."

Even though they support S. 721, Asendorf said soybean farmers would actually like all agricultural export programs exempt from cargo preference, including P.L. 480 shipments.

"We are not proposing the elimination of subsidies for our maritime industry," emphasized Asendorf. "However, we do believe they should be allocated directly to the industry through the U.S. Department of Transportation, rather than hidden in the USDA budget. This would allow our maritime industry to compete in the world shipping market for all cargoes, including those of U.S government origin."

Central Jersey Holstein honors to Penn-Breeze

Premier Breeder and Premier Exhibitor trophies went to Penn-Breeze Farm, Ringoes, NJ, at the recent Central Jersey Holstein Show. Pictured are, 1. to r., Gretchen Kuehn, Flemington, N.J, Hunterdon County Dairy Princess; Paul King, Delta, PA, judge; and the Rogers' family, Charles, Ken, Janet, and Sandy.

Champions pose for picture following the Central Jersey Holstein Show. Left to right: Paul King, Delta, PA, judge; Penn-Breeze Oriel Persua Sandy and owner, Sandy Rogers, Ringoes, NJ; Backacres Joyous Dixie and owner, Lucinda Teets Pill, High Bridge, NJ; and Gretchen Kuehn, Flemington, NJ, Hunterdon Dairy Princess.

Virginia tobacco market official

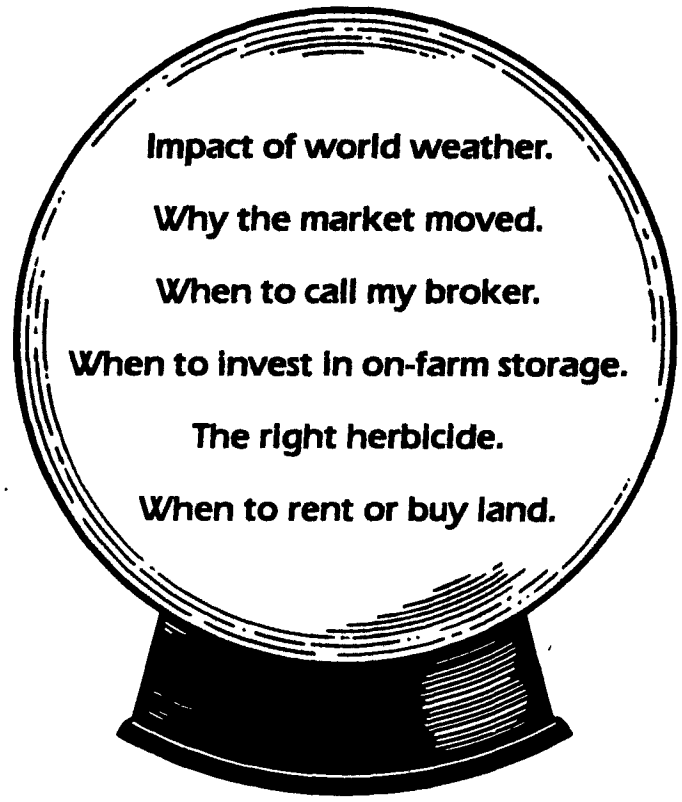
WASHINGTON – The tobacco market at Farmville, Va., will be officially designated as a tobacco auction market for type 37 Virginia sun-cured tobacco beginning with the 1985 marketing season, a U.S. Department of Agriculture official said today.

Lionel S. Edwards, an official with USDA's Agricultural Marketing Service, said the results of a referendum of tobacco growers using the market showed that 95 percent of the participating growers voted in favor of the designation.

Edwards said an application to designate Farmville as a market for sun-cured tobacco was submitted by a local grower cooperative.

The Tobacco Inspection Act of 1935 requires tobacco growers that used a market the previous year approve by a two-thirds majority the designation of a tobacco auction market before the designation becomes official.

"If only I had known..."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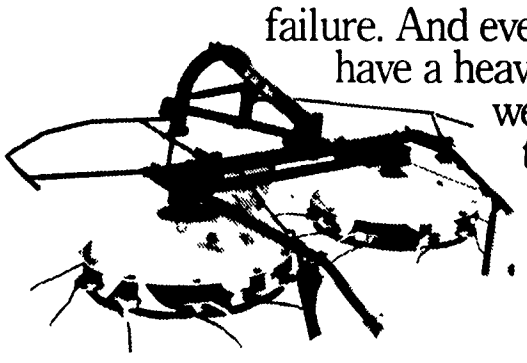

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AFBF members to seek support

PARK RIDGE, Il. – America's farmers will use the current Congressional recess to meet with elected representatives in their home districts, urging support for Farm Bureau-proposed farm program legislation.

In a nationwide teleconference today with the Farm Bureau presidents of 47 states, American Farm Bureau president Robert Delano said the meetings are necessary because members of both the House and Senate agriculture committees are considering measures that offer no hope for farmers to achieve long-term profitability.

"Farm Bureau's number one goal is the passage of economically sound and reasonable farm program provisions, designed to get farmers firmly on the track to improved long-term farm incomes," he said. "Because of Congress' failure to address real problems with real solutions, we are now being offered such unacceptable options as mandatory production and marketing controls, a dairy program that charges farmers for the privilege of being in business and livestock checkoff programs that arbitrarily take nearly $150 million from producers' pockets without their prior approval. Most unacceptable of all is a budget-busting farm program that would increase the sea of red ink."

Delano told the farm leaders that there would be approximately 18 working days left between the time Congress goes back in session and the expiration of current dairy law at midnight, September 30. During the recess, farmers will meet with their Representative and Senators, urging support of Farm Bureau's farm bills, HR 1965 and S 908.

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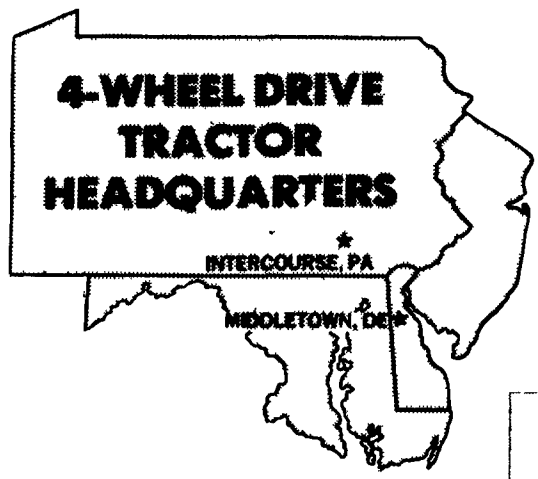

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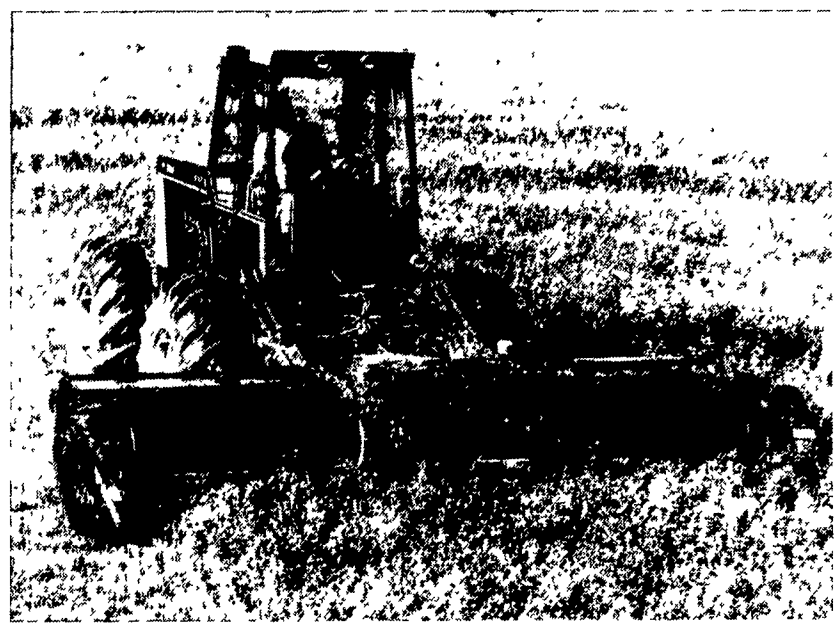

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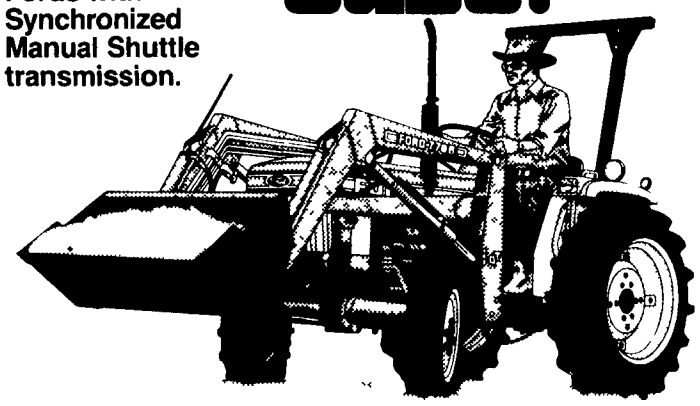

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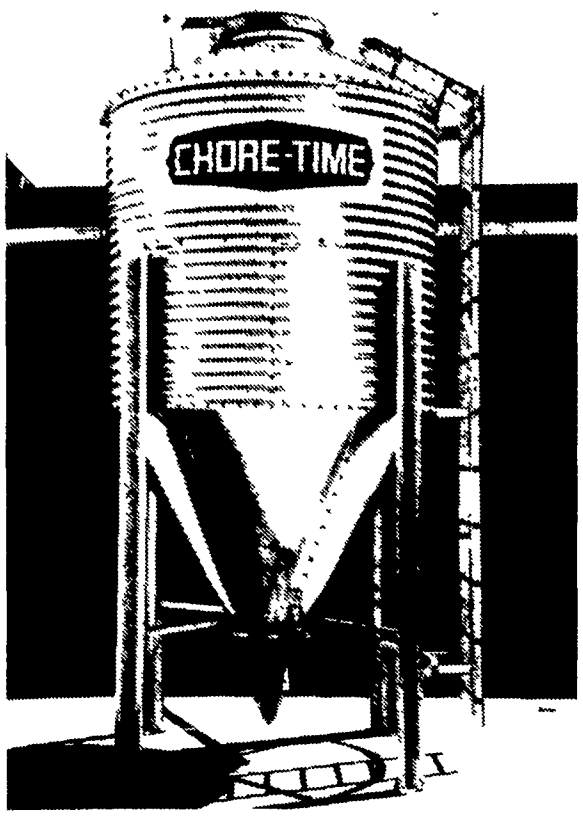

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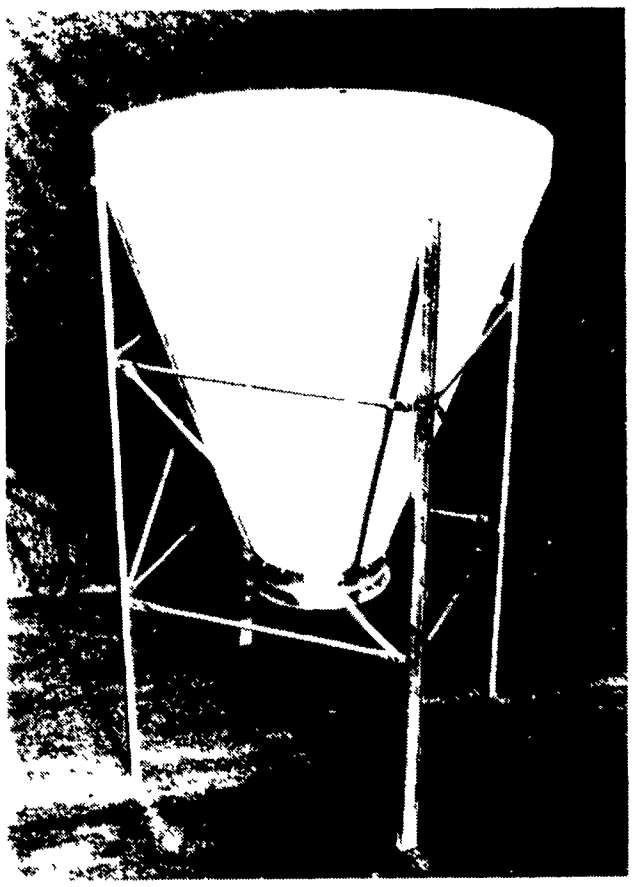

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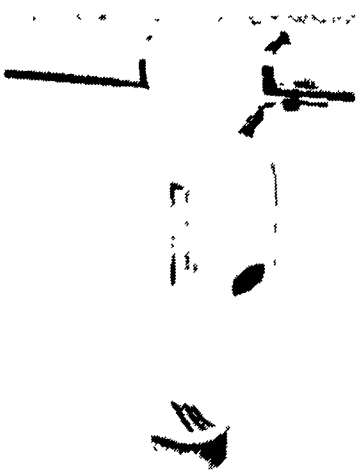

Chore-Time's Drop Feeder is designed for feeding individual cows or sows - and used in groups can feed an entire pen of hogs.

Drop Feeders are made of durable, rustproof polyethylene plastic for feeding either dry ground rations or for use in H.M. corn systems.

They fit on our MULTIFLEX tube as well as on various FLEX-AUGER tube sizes.

They can be either manually or automatically tripped to feed all animals at once. The system then refills the feeders and shuts off automatically.

Simple, trouble-free ball valve and easily adjusted feed quantity gauge in pounds and kilograms.

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Panel (PF) Fan

Is a good all-around model. New 36-inch diameter fan is single speed, available with highly energy-efficient motor. Ideal for most broiler houses. Mounts in side-wall or suspends inside building for special air flow applications. 36PF features compound curve blade, galvanized metal front panel. Available with sturdy waferboard wood framework and safety screens.

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RLX Fan is the fan to choose where long fan life is desired. Tough, dense RLX housing is made of multi-layer, laminated material (same as truck fenders and canoes are made of). Can't corrode. Won't splinter like fiberglass, even in sub-zero weather. Streamlined, gently contoured housing has no dirt-collecting corners that can also produce energy-wasting eddy currents. Fan also features die-cast aluminum blade, patented one-piece no-draft fan door, stainless steel motor mounts, and variable speed motor. Offered in 14, 18, and 24-in. diameters.

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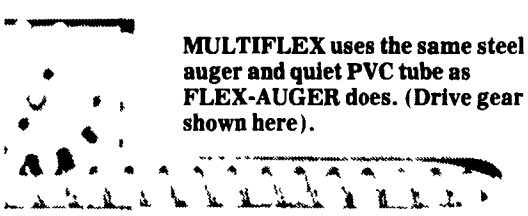

MULTIFLEX uses the same steel auger and quiet PVC tube as FLEX-AUGER does. (Drive gear shown here).

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Valiants command high bids at Conestoga Classic

BY WENDY WEHR

LAMPETER — Valiant was proven the most popular sire once again, as two of his daughters brought the top bids at Wednesday evening's Conestoga Classic.

First in the catalog, and first through the sale ring, Walebe Valiant Robbie - ET brought the sale's highest bid. Jeff Burkholder, of Washington Boro, purchased the six-month-old heifer with a $3500 bid.

Robbie is out of Tranquility Jet Stream Robin, an Ex-90, high-index cow with a production record to match. At six years and five months she pumped out 31,670 pounds milk and 1191 of fat.

Robbie was consigned by Arlen H. Keener, of Mountville.

The annual Lancaster Holstein club sale drew a large crowd, despite the evening's oppressive heat and humidity, but action was slow as auctioneers Mike Weimer and Jay Howes coaxed bids out of the reluctant Holstein buyers.

This year's sale average, at $1444 on 49 head, was down about $200 from 1984. But the sale managers were not displeased with the sale results.

"This is in line with the market of today," said chairman D. Lamar Witmer. "All in all, most of the consignors I talked to were pretty well pleased."

In addition to the sale topper at $3500, four other animals brought bids over $2000, including a big, strong Valiant heifer selling for $2400.

Consigned by Naaman W. Stoltzfus, of Kinzers, Dimon-Acres Valiant Satin was purchased by Wilmer and Mark Kraybill, Elverson.

Satin is an April, 1983 heifer out of Dimon-Acres Susan. Susan is a Lawcrest Marvex daughter out of Shearcrest Startrek Susy, who is scored excellent and boasts a 23,142 pound milk record.

Also bringing bids over $2000 were:

Ra-El Pete Crisco — A Straight Pine Elevation Pete daughter consigned by Earl Ray Hursh, Ephrata, and purchased by Curtis Martin, Ephrata, for $2200.

Howcrest Valiant Sky — An S-W-D Valiant daughter consigned by John and Susan Howard, Willow Street, and purchased by Jerry Feister, of Kinzer for $2150.

Welsh-Edge Sexation Elaine — An Ocean-View Sexation daughter consigned by Donald Welk Jr., Strasburg, and purchased by Jim Winters, of Wellington, Colo., for $2100.

Walebe Valiant Robbie - ET brought the top bid of $3500 at Wednesday evening's Conestoga Classic in Lampeter, Lancaster County.

Calf antibiotic testing made permanent by USDA

WASHINGTON — The U.S. Department of Agriculture is making permanent its program for detection of sulfa and antibiotic drug residues in young calves slaughtered for meat products.

"The in-plant residue testing program, begun under an interim rule in June 1984, will become permanent because it has proved successful in reducing the incidence of drug residues in young calves," said Donald L. Houston, administrator of USDA's Food Safety and Inspection Service.

Houston said producers' increased awareness and cooperation has helped cut the incidence of drug residue violations in young calves from 5 to 2.5 percent since the beginning of the program.

"Violations occur when sulfa and antibiotic medications are administered to calves without allowing enough time for the drugs to clear their systems before slaughter," Houston said. "The medications are administered to prevent infection."

The testing program is limited to young calves up to three weeks old or 150 pounds in weight, and does not include older calves raised for "fancy" veal, the source of such cuts as veal chops or roasts.

USDA inspectors in the 94 plants that slaughter calves use a fast new test–the Calf Antibiotic and Sulfa Test–to detect illegal drug residues overnight.

The final rule will continue allowing suppliers that their calves do not contain illegal levels of drug residues. USDA inspectors verify producers' guarantees by testing random carcasses from each group of certified calves.

Calves that do not originate from certifying suppliers will be detained at the slaughtering facility for more intensive testing.

Houston said when testing results show drug residues, carcasses are condemned and USDA inspectors trace the source of the residues.

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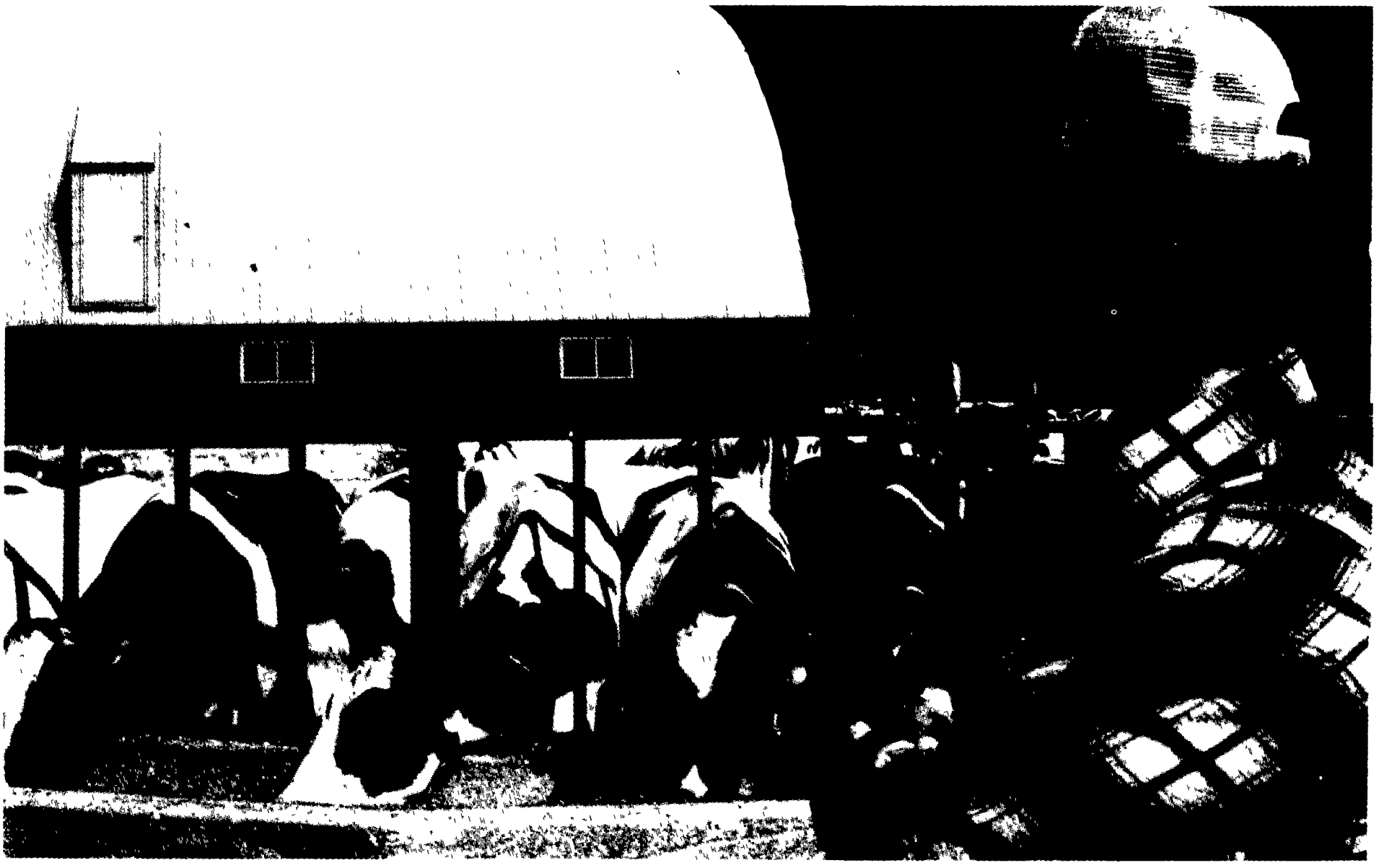

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Dairy Marketing

Vote now on amended Middle Atlantic milk order

ALEXANDRIA, Va. — A referendum in which dairy farmers shipping milk to the Middle Atlantic milk marketing area will have an opportunity of expressing their approval or disapproval of an amended order, will be concluded on September 9.

Dairy farmers will also vote in a separate referendum as to whether they favor continuation of the order's advertising provisions.

The amended order would add the Pennsylvania counties of Berks, Carbon, Lehigh, Northampton and Schuylkill to the present Middle Atlantic marketing area.

The minus Class I and base location adjustment rate would be increased from 1.5 cents to 2.2 cents per 10 miles, except that in the Pennsylvania counties of Berks, Dauphin and Lebanon the rate would be minus 10 cents per hundredweight.

Qualified cooperative associations of producers will be permitted to cast bloc votes on behalf of their members on all provisions of the amended order.

A notice of referendum, a decision which contains the provisions of the order as proposed to be amended, and a ballot have been mailed to all known eligible voters. No voting by proxy is permitted and each producer will be entitled to only one vote regardless of the number of farms he operates.

Partnerships, corporations and other business organizations which operate dairy farms will be entitled to only one vote regardless of the number of partners, shareholders, or others who make up the organization.

The amended order was considered at a public hearing held in July-October 1983 on 24 separate days.

Dairy farmers who may not have received a ballot through the mail and who feel that they are eligible to vote should call the USDA Referendum Agent at 800/336-0232.

Dairy farmers must vote on changing Federal Order 2

NEW YORK — Dairy farmers in the Federal Order No. 2 milkshed will vote on the proposed amended New York-New Jersey Federal Milk Marketing Order in a mail referendum ending at 11:59 p.m., September 8, 1985. The amended order was contained in a final decision issued on August 9, 1985 by the United States Department of Agriculture.

Dr. N.K. Garber, who was named as referendum agent, said all dairy farmers who delivered milk to pool plants and bulk tank units in February 1985 will be eligible to vote. A producer who is not a cooperative member may vote collectively through the cooperative (if it has chosen this voting procedure) or may vote by individual ballot.

Dr. Garber stated that failure to approve the amended order would result in termination of the New York-New Jersey Federal Milk Marketing Order. A two-thirds "yes" vote of those casting ballots is necessary for approval.

The amendments to Federal Order No. 2 are applicable to New York State Order No. 126 and New Jersey State Order No. 57-3. These state orders are essentially identical to the Federal order. Therefore, failure to approve the amended Federal order would also result in the termination of these state orders.

The proposed amended order expands the New York-New Jersey milk marketing area to include 15 unregulated northeastern Pennsylvania counties. They are: Bradford, Columbia, Lackawanna, Luzerne, Lycoming, Monroe, Montour, Northumberland, Pike, Snyder, Sullivan, Susquehanna, Union, Wayne, and Wyoming.

Dairy farmers in these counties who delivered milk to unregulated plants in February 1985 also are eligible to vote.

In addition to the expansion of the marketing area, the amended order also revises the present location adjustment provisions to achieve better price alignment with neighboring markets. The new provisions would extend the present 15-cent fixed differential on Class I and uniform prices applicable within the 1-70 mile zone area to include the 71-80 mile zone. There are no other changes in the pricing structure.

The final decision and the ballots will be placed in the mail soon. Dr. Garber urges all eligible producers who are not voting collectively and who do not receive referendum material to write to the Referendum Agent at 155 East 44th Street, New York, NY 10017.

Order 4 milk $12.59 for July

ALEXANDRIA, Va. — Middle Atlantic Order Market Administrator Joseph D. Shine has announced a July 1985 base milk price of $12.59 per hundred-weight and an excess milk price of $11.05. The weighted average July price was $12.51 and the butterfat differential for the month was 16.3 cents.

The base milk price was up 2 cents from July but was 91 cents below last July. The weighted average price increased 4 cents from June and was $1.01 lower than a year ago.

Shine said that the July volume of producer milk pooled under the order, 520.9 million pounds, was 50.2 million pounds or 10.7 percent more than last July. The average daily delivery per producer of 2,543 pounds in July was up 336 pounds or 15.2 percent from a year earlier and was up almost 8 percent over July 1983. A total of 6,607 producers supplied Order 4 pool handlers during the month, 273 fewer than last July.

Class I producer milk totaled 225.1 million pounds and accounted for 43.21 percent of total producer milk receipts in July. The July 1984 Class I utilization was 47.93 percent. The pounds of Class I producer milk usage were down slightly from last year. The volume of Class II milk was up 50.7 million pounds from a year earlier or 20.7 percent. Base milk accounted for 88.60 percent of total July producer milk deliveries, down sharply from 94.35 percent last July. The average butterfat test of producer milk was 3.49 percent in July, unchanged from a year ago.

AJCC announces personnel changes

COLUMBUS, Ohio — A number of staff changes have recently been announced by American Jersey Cattle Club Executive Secretary Maurice E Core These involve two changes in current staff members' assignments and three additions to the staff.

Dennis L. Erpelding, AJCC-NAJ Southwest Area Representative since 1981, will move to the Columbus offices October 1 and become National All-Jersey Marketing Specialist. In this capacity, he will work to expand NAJ's marketing efforts through multiple component pricing and the marketing of Jersey Pride Cheese.

Mark A. Rodgers, AJCC Assistant Superintendent of Records, will move to California October 1 to assume the title of Southwest Area Representative A 1984 graduate of the University of Vermont, Rodgers has worked with all AJCC-NAJ departments in addition to his Records responsibilities. Raised on a Vermont Jersey farm, he was second in the 1982 National Jersey Youth Achievement Contest.

Scott R. Bentley of Ames, Iowa will become the AJCC Assistant Superintendent of Records on September 1. A 1984 graduate of Iowa State University, Bentley was the high individual in the 1983 National Intercollegiate Dairy Cattle Judging Contest. A past winner of the National Outstanding Guernsey Youth Award, he has been involved with his father in the management of their nationally recognized Guernsey herd. Scott and his wife, Carol, will move to Columbus.

Brenda Kay Spence joined the AJCC staff on August 5 as a marketing specialist with the Jersey Marketing Service. A 1982 graduate of the University of Tennessee, Spence has been employed with the American Guernsey Cattle Club since 1983 in a staff position. She was raised on her family's Jersey farm in Shelbyville, Tenn. and was named Outstanding Tennessee Jersey Youth in 1977.

Cheryl Ann Schwanke of Grey Eagle, Minn. will become assistant editor of the Jersey Journal on September 1. A graduate of the University of Minnesota, Schwanke interned with the Holstein World in 1984, in addition to writing for several university publications

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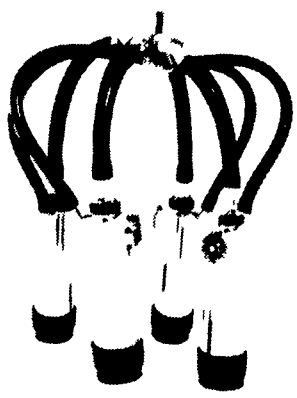

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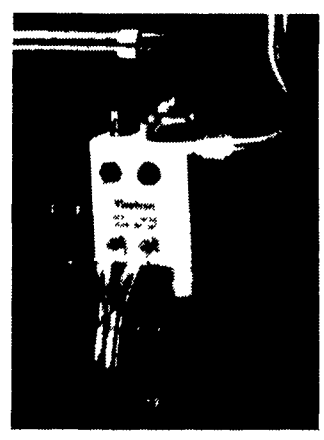

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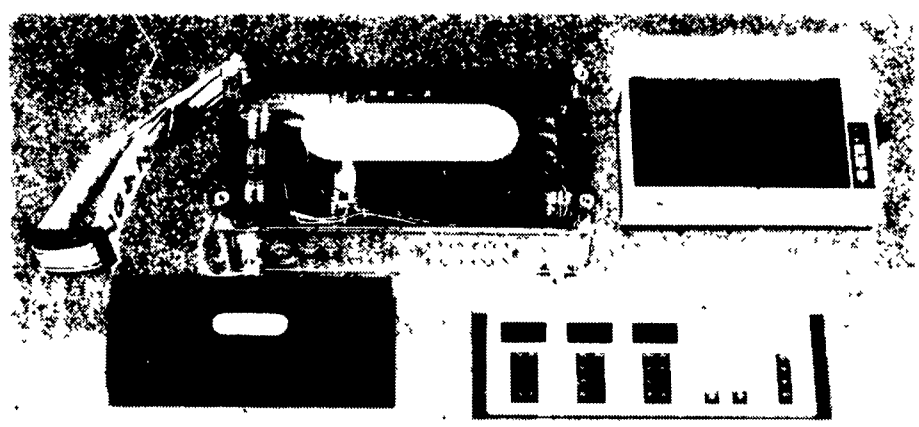

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Testimony unanimously favors resale milk pricing

Dairy Marketing

BY KATHY GILL

HARRISBURG — The only thing unexpected about Thursday's hearing on resale milk pricing was that no one testified in opposition.

"It was the most unified testimony at any resale pricing hearing in my 15 years experience," commented Earl Fink, executive vice-president, Pennsylvania Association of Milk Dealers. Fink was Pennsylvania Milk Marketing Board executive secretary for 12 years prior to joining PAMD.

"Usually, Common Cause, or an ambitious politician testifies that the resale price provisions" should not be part of PMMB responsibility, he said.

Eleven persons testified before Rep. Carmel Sirianni, chair of the joint study committee on resale pricing. The committee was established in 1984 Sunset legislation extending the life of the PMMB. One party, representing the Teamsters' Union, entered a statement but did not present oral testimony.

Comments focused on price stability for farmers, consumers and milk dealers. Testimony also emphasized Pennsylvania's low milk prices in relation to prices across the nation. And most advocates noted that Pennsylvania's system keeps grocery stores from using milk as a loss leader.

All statewide farm organizations — PFA, the State Grange, PFU, and the Pa. Association of Farm Cooperatives — testified for continuing PMMB resale pricing authority. Charles Wismer, master of the State Grange, said, "Assuring the price at the farm level is not enough."

Jim Fraher, economist for Inter-State Milk Producers' Cooperative, testified for PAFC and five of its dairy co-op members, representing 6,800 producers and 4.3 billion pounds of milk annually. He echoed Wismer's point and acknowledged that Pennsylvania is "one of only a handful" of states which establish milk prices.

However, he pointed out that at least 20 other states have some measure to regulate milk pricing.

Gene Gaymen, PFA vice-president, added that the stable economic environment has developed "positive consumer attitudes (toward milk), found in few other areas of the nation."

The most powerful testimony, however, came from the milk dealers themselves. Fink noted that PAMD members market 90 percent of the fluid milk in Pennsylvania and have a weekly payroll of $3.8 million. In supporting the continuation of resale pricing, he refuted, point by point, testimony presented at a prior hearing by PMMB chair Robert Derry.

David McCorkel, Pennsylvania Food Merchants Association, said that the state's grocery and convenience stores like the current system.

In response to a direct question from Sirianni, he said his organization would not benefit from using milk as a loss leader.

Sirianni, confirming that no consumer groups testified, announced that interested consumers would be allowed to testify at the Sept. 19 meeting of the committee. She placed the burden for obtaining consumer testimony on the consumer members of the committee. However, comments from the audience summarized the feeling that, with milk prices dropping 14 cents in western Pennsylvania this year, consumers are probably content with the system.

PFA backs continuation of Board

HARRISBURG — The Pennsylvania Farmers' Association (PFA) is recommending that the Pennsylvania Milk Marketing Board continue to have authority to set minimum retail prices for milk.

D. Eugene Gayman, a Franklin County dairyman and vice president of PFA, explained the statewide, general farm organization's position during a hearing in Harrisburg by the Joint Study Committee on Resale Pricing of Milk in Pennsylvania.

Gayman said the Milk Marketing Board should continue to set minimum prices at the farm, wholesale, and retail levels to assure an adequate milk supply for consumers and to maintain economic stability in the milk industry. PFA represents the views of 23,313 farm families.

The Joint Study Committee, representing consumers, dairymen, milk dealers and legislators, was created during the Sunset Review re-authorization of the Pa. Milk Marketing Board last year. It will report to the General Assembly later this year on whether or not the Milk Marketing Board should continue its price-setting functions.

Gayman told the committee, "Consumers are generally unaware of the actual benefits provided for them under Pennsylvania Milk Marketing Board pricing activities."

Consumers benefit because prices are stabilized over periods of time and because prices are kept lower than average, Gayman said, noting, "According to the most recent survey of Supermarket Milk Prices (July 1 - 5, 1985) conducted by the International Association of Milk Control Agencies, prices in Pennsylvania were below the national average, being in the bottom 25 percentile nationwide.

"Further evidence of consumer benefits is the new 'unit costs' prices for milk marketing Areas 5 and 6 which took effect Aug. 1 of this year. The new price orders, while increasing whole milk prices slightly, lowered prices on almost all other lowfat and skim milk products, some by over 20 cents per gallon."

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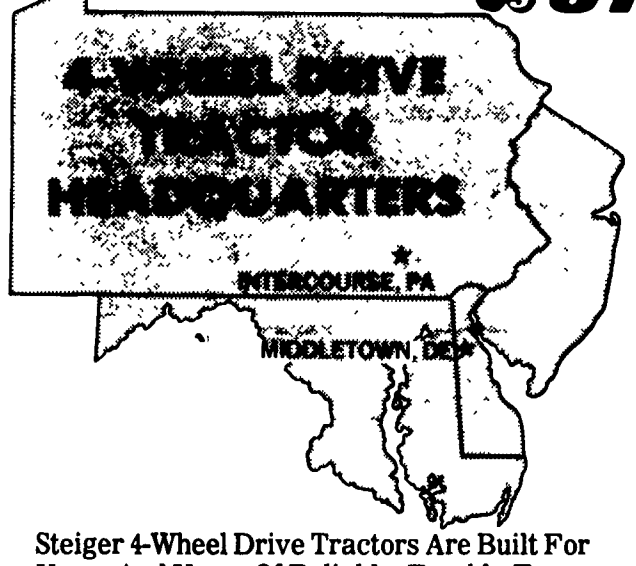

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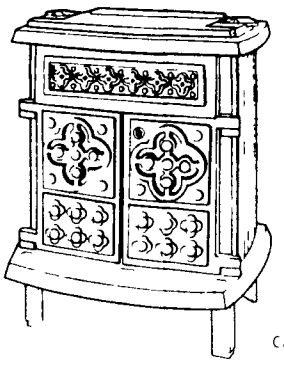

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Normandell, Doan top Tioga Jersey show

WHITNEYVILLE — Perennial winners of the Tioga County Open Jersey Show, Normandell Farms, Liberty, continued their winning ways by leading out this year's grand champion Jersey, GR Normandell Finalist Sandy.

Scored excellent, Sandy is a seven-year-old daughter of Finalist of Marlu. She was given the advantage of strength, body capacity, and feet and legs, over the fancy reserve grand champion, Frosty-Vale Exceller Princess.

Princess is a junior two-year-old, shown by Charlotte Doan, Knoxville. She reigned as grand champion of the junior show earlier.

In the junior champion competition, the senior calf class winner, shown by Richard Sweithelm, Roaring Branch, outdistanced the competition in her strength of topline and advantage of rump to pick up the junior champion rosette.

Filling in the reserve junior champion slot was another repeat winner from the junior show, a senior yearling, T. H Gem F. Sam Irma, exhibited by Richard Tickner, Mansfield.

The premier breeder and premier exhibitor banners were split, with Normandell Farm capturing the premier breeder award and Don and Mary Wivell scoring the necessary points for the premier exhibitor title.

Serving as official judge for the day was Ginger Myers, Littlestown.

Individual class winners were as follows.

Junior Calf
Kelly Hindman
Intermediate Calf
Helen Norman
Senior Calf
Richard Sweithelm
Summer Yearling
[illegible]
Junior Yearling
Thad York
Intermediate Yearling
Normandell Farm
Senior Yearling
Richard Tickner
Dry Cow, 4 and Under
Michele Sparling
Dry Cow, 5 and Over
Normandell Farms
Junior 2 Year-Old
Charlotte Doan
Senior 2-Year Old
Normandell Farms
3-Year Old
Don and Mary Wivell
4-Year Old
Carolyn Norman
5-Year-Old
Don and Mary Wivell
Aged Cow
Normandell Farm

Watermelon fair in Baltimore

ANNAPOLIS, MD — There will be plenty of watermelon when Shani Radney, the National Watermelon Queen comes to Baltimore's Inner Harbor on Saturday, August 17th beginning at 11 a.m.

Ms. Radney's visit is being billed as a "Celebration of the Local Harvest," highlighting the peak of Maryland and Delaware's watermelon growing season.

There are several fun activities planned to take place in the Inner Harbor's ampitheatre, located between the two Pratt Street pavillions. At 1 p.m. the Watermelon Queen will oversee a healthy watermelon-eating contest. At 2 p.m. she will officially begin the Penny Toss contest that will decide who has the best watermelon aim of the day.

Ms. Radney will be joined by the Mar-Del Watermelon Queen, Diana Lynne Savage of Hebron.

Both queens will be escorted by Mr. Walter Melon, a six foot high, living, walking, talking watermelon that's sure to attract plenty of attention.

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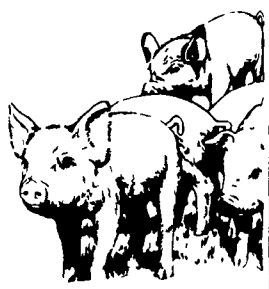

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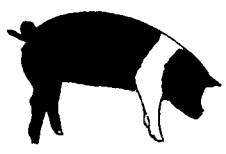

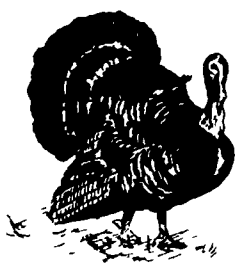

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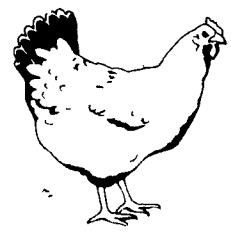

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Champions named in Tioga junior dairy show

WHITNEYVILLE — A record number of dairy cattle paraded before judge John Howard, Willow Street, during the recent Tioga County Junior Dairy Show. With 185 head, the show excelled not only in number of entries, but also in the depth of quality in the classes.

Serving as fitting judge for the event was Jeff Peifer, Canton, while master showmen were chosen by Earl Brown, Coudersport.

Champions in the respective breeds were as follows.

Ayrshire Jr Champion
Rebecca Lichty
Ayrshire Res Jr Champion
Melony Hamelin
Brown Swiss Jr Champion
Brian Sherman
Brown Swiss Res Jr Champion
Mitch Smith
Guernsey Jr Champion
Sherry Webster
Guernsey Res Jr Champion
Roger Sherman
Holstein Junior Champion
Gary Baity
Holstein Res Jr Champion
Jenny Groover
Jersey Jr Champion
Kevin Sparling
Jersey Res Jr Champion
Carolyn Norman
Ayrshire Sr Champion
Rebecca Lichty
Ayrshire Res Sr Champion
Rebecca Lichty
Brown Swiss Sr Champion
Dawn Stametz
Brown Swiss Res Sr Champion
Brian Sherman
Guernsey Sr Champion
James Johnso
Guernsey Res Sr Champion
Lisa Conely
Holstein Sr Champion
Paul Moyer
Holstein Res Sr Champion
Gary Baity
Jersey Sr Champion
Charlotte Doan
Jersey Res Sr Champion
Carolyn Norman
Beginning Fitting
Charlotte Doan
Beginning Showing
Matthew [illegible]
Intermediate Fitting
Brian Sherman
Grand Champion Showman
Gary Baity
Grand Champion Fitter
Charlotte Doan
Intermediate Showing
Michelle Sparling
Experienced Fitting
Teresa Herman
Experienced Showing
Gary Bait

Oregon youth wins AJCC Pot O' Gold production contest

COLUMBUS, Ohio Raymond Orisio Jr of Woodburn, Ore. is the winner of the 1985 Pot O' Gold Production Contest. Raymond's cow, Sun Valley Midnight Sweetheart, purchased in the 1982 Western Pot O' Gold Sale in Puyallup, Wash., produced 14,908 lbs. of milk and 834 lbs. of fat at two years of age.

This lactation, when adjusted for age and season of calving, had a dollar value of $3,036. Raymond's prize for winning the 1985 contest is $1,713.60. "Sweetheart" was consigned to the 1982 sale by Sun Valley Farm, Myrtle Point, Ore.

The Pot O' Gold Sale, sponsored annually by The American Jersey Cattle Club, Columbus, Ohio, features 18 selected Jersey heifers Seventeen per cent (17%) of the combined selling price of these heifers is set aside in a Pot O' Gold fund.

This money is used for awards to the juniors whose animals produce the highest dollar value from their first lactation. Fourteen of the 18 heifers were sold in conjunction with the 1982 All American Junior Show and Activities in Louisville, Ky.

The west coast winners will be honored in Sacramento, Calif. on August 22, just prior to the 1985 Western National Pot O' Gold Sale All other winners will be recognized at the 1985 Pot O' Gold Sale in Louisville, Ky on November 9.

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at 10 A.M.

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JD 2520 diesel tractor w/wf; JD A tractor; JD MT tractor w/front end loader; Caterpillar D 2 dozer w/blade & V snow pl for same; JD 4-16 semi integral 3 pt. pl; JD two bot. trlr pl; four sec. roller harrow, comb; 4 sec. harrow; JD Mod FB-B 13 single disc grain drill; M Harris 80 special 10' s p combine; NH 477 haybine; MC 4 bar rubber tire rake; Ford 5 bar rake; NH 275 baler w/thrower also preservative applicator; 3- bale side wagons; 3- elevators Smoker 30'-20, single chair & alum.; NH 717 forage harvester; MC #61 forage wagon; McCurdy gravity bin wagon; 300 gal. yellow devil weed sprayer; mixer transit wagon; NI 310 one r c husker; JD Mod. L manure spreader; silage blower & pipe; MC chopper; Papec hammer mill; 2- flat bed wagons; tractor mt. saw; farrowing crates; hog feeders, waterers; JD pulley c sheller; 20'-4" auger; approx. 250 bu ear corn; approx. 150 bu. barley & spletz mixed; 8 ton alfalfa; 8 ton mixed hay; few household items & antiques inc: stoneware crocks; canning jars; old wood working tools; old hinges, dr. knobs, etc.

Terms- Cash or check

Ordered by
ROBERT & EVELYN SWEIGART
Conducted by
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Refreshments available

LAWN MOWER CENTER

712 LAKE STREET, ELMIRA, NEW YORK

Having decided to discontinue business and retire we have been commissioned to sell on

SATURDAY, AUGUST 24th

@ 10:00 A.M.

at the shop on 712 Lake St. Elmira, N.Y. This is about 1 mile west of Church St. in the area of R.R. underpasses.

Hyster QC 20 Fork Lift truck-Pneumatic tires.

SHOP TOOLS: Air Lift work table; Craftsman metal lathe 12"x36" w/tool post grinder; Craftsman Drill Press; 3 hp air compressor & 1 hp Air Compressor; Valve grinder; chain saw sharpener; P&H Welder w/Heliarc att.; Oxy-Acet outfit tanks & cart; Craftsman tool chest & tools; ½ drill; Jig Saw (hand); Pedestal Grinder 3 hp; Banding tool & materials; Log Splitter; Bed Knife Grinder Model 50 Ideal; Reel Grinders; Homemade log splitter with Clinton engine-Hydraulic pump etc. (nice); wood stove w/blower; hand tools; C-Clamps; battery charger; open end; socket etc.; air tools-Chiesel's, impact, ratchet, tap & die sets; grinders.

STEEL: 5'x9'x¼"; 5'x9'x1/8"; angle iron; flat stock, etc.

NEW ITEMS: Small engine parts; Briggs & Stratton; Tecumsel; Lawn Boy.

NEW MOTORS: 3-5 hp horizontal shaft; 5-4 hp vertical shaft.

NEW CHAIN SAWS: 1 Poulan 6000 w/24" bar; 4 Poulan 16" bar plus others.

MINI BIKES: 5 mini bikes all new.

NEW SNOWBLOWERS: 1 Ariens 20" elec. start; 6 Lawnboy Model 1851; new Toro & Lawnboy assessories; mower blades; oil & gas cans; chain saw chains; Trimline; lawn mower; wheels; elec. starters for 5-6-7 hp engines many Danarm chain saw parts.

MISC.: Office desk; Micro Fiche.

AUCTIONEERS NOTE: Paul runs a good shop and had all the tools to do it with. You'll find good equipment & parts here. Come and spend the day.

TERMS: CASH OR GOOD CHECK.

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The Classified Livestock Section Has Beastly Selections!

Public Auction Register

AUGUST

TUES AUG 20 4PM Farmersville Auction in Farmersville, 3 mis E of Brownstown, Lanc Co, PA

WED. AUG 21 - 7 30PM Complete Holstein Herd Dispersal of 85 Head Grade Holstein Cows Located Green Dragon Livestock Sales, 1 mi N of Ephrata on State St

THURS AUG 22 - 12 Noon Farm Mach., Cattle, Produce Located Upper Lysle, New York. Selling for. FmLa Charlie Manasse Auct

THURS AUG 22 - 9AM Fine Antiques, Collectables, 1980 Honda AccordL' For Chester Sellers, et al, Skippack Firehouse, Rt 113 (¼ mi S. of Rt 73), Skippack, PA SanforfOA Alderfer, Inc, Aucts

FRI AUG 23 - 11 30AM Crystella Dairy Farm 53 H i - G r a d e Holstein,8Mach, Real Estate Located 1 mi from blinker light at Elk Lake Corners, 4 mis. from Dimock (Rt. 2=)or 8 mis SW of Montrose, PA. About 20 mis. N of Tunkhannock. Exit 67 off I-81 to get to Montrose Susyuehanna Co. Harold & Phyllis Schillinger, Owners. Jim Adriance, Auct h r 0

FRI. AUG 23 - 11AMOMuyt Market Eq, The Market at Talleyville shopping center, Silverside Rd and Concord Pk., Wilmington, De.8Rudnick Associates, Aucts.

SAT AUG 24 - 11AM 250 Commercial Herd Located Penns Valley LZvestock Auction, Centre Hall, XA Intersection of Rt 144 & Rt 45. George Runkle, Owner.

SAT AUG 24 - 10AM Complete Dis'zsal of Cattle & Machinery Estate of Eugene Burrows, Rt 26 North Pitcher, New York, Chenango Co Empire Livestock Marketing Cooperative, Inc, Sale Mgrs & Aucts

SAT AUG 24 - 10AM Lawn Mower Center, 712 Lake St., Elmira, New York New Chain Saws, New Motors, Mini Bikes, New Snowblowers William Paul Falls, Owner Howard W. Visscher, Auct

ABSOLUTE AUCTION

MEAT MARKET EQUIPMENT

The Market at Talleyville shopping center, Silverside Road and Concord Pike, Wilmington, Del.

FRIDAY, AUGUST 23, 1985

11 AM

5 NCR registers, 5 Hobart pricing scales, 3 walk in coolers (12', 14', 18'), various Tyler open refrigerator displays, lots of compressors, Tyler deli display case, Hobart band saw, meat track, scale and hooks, poultry cart, High-boys, wrapping station, meat cutting work tables, 3 Berkel ss slicers, ss pans, shelving, wire racks, 2 check-out counters, microwave oven, 3 compartment ss sink with washer, desk, chair, safe, etc.

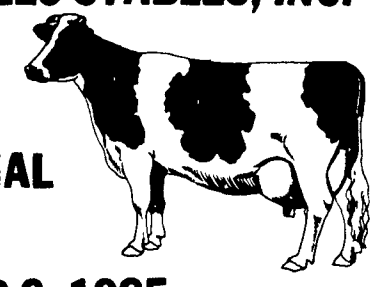
Inspection: 9 AM morning of sale.

Terms: Cash or approved check, immediate removal

Rudnick Associates, Auctioneers
(302) 764-3347

NEW HOLLAND SALES STABLES, INC.

ANNUAL HOLSTEIN PROMOTIONAL SALE



FRIDAY, SEPTEMBER 6, 1985 7:00 P.M.

Barn located 12 miles East of Lancaster, Pa. Just off Rt. 23, New Holland, Pa. Lancaster County.

125 head Registered Holsteins, Fresh and Springing cows

A few first calf heifers Some due to freshen in Sept and Oct and some that were recently fresh

This selective group of cows was hand picked for this special sale Some milking 80 to 90 lbs per day. Good udders, high production and pedigrees

Also a few breeding age bulls.

Some heifer calves selling following Dams

Henry Kettering, Pedigrees

For more information contact Abe Diffenbach, 717-354-4341 Barn Phone, or Norman Kolb 717-397-5538.

********NOTICE********

SPECIAL HEIFER SALE-500-600 Head All Ages, Registered and Grades.
SATURDAY, SEPTEMBER 28- 10:00 A.M.

CONSIGNMENT HORSE SALE

WORK HORSES
Also
SEVERAL LOADS OF SHARP STANDARDBRED DRIVING HORSES

SATURDAY, AUGUST 31, 1985

Horses 11:00 A.M. Sharp
Tack To Be Sold At 8:30 A.M.

Keister's Middleburg Auction Sales, Inc. Rt. 522 3 miles East of Middleburg, Pa. 5 miles west of Selinsgrove, Pa.

For information call: 717-922-1490 or 717-837-2222 or 717-523-0360

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Rt. 522 R.D. 3 Middleburg, PA

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Ray Long & Dave Imes, Auction
Terms: Cash Trucking Available Restaurant Open

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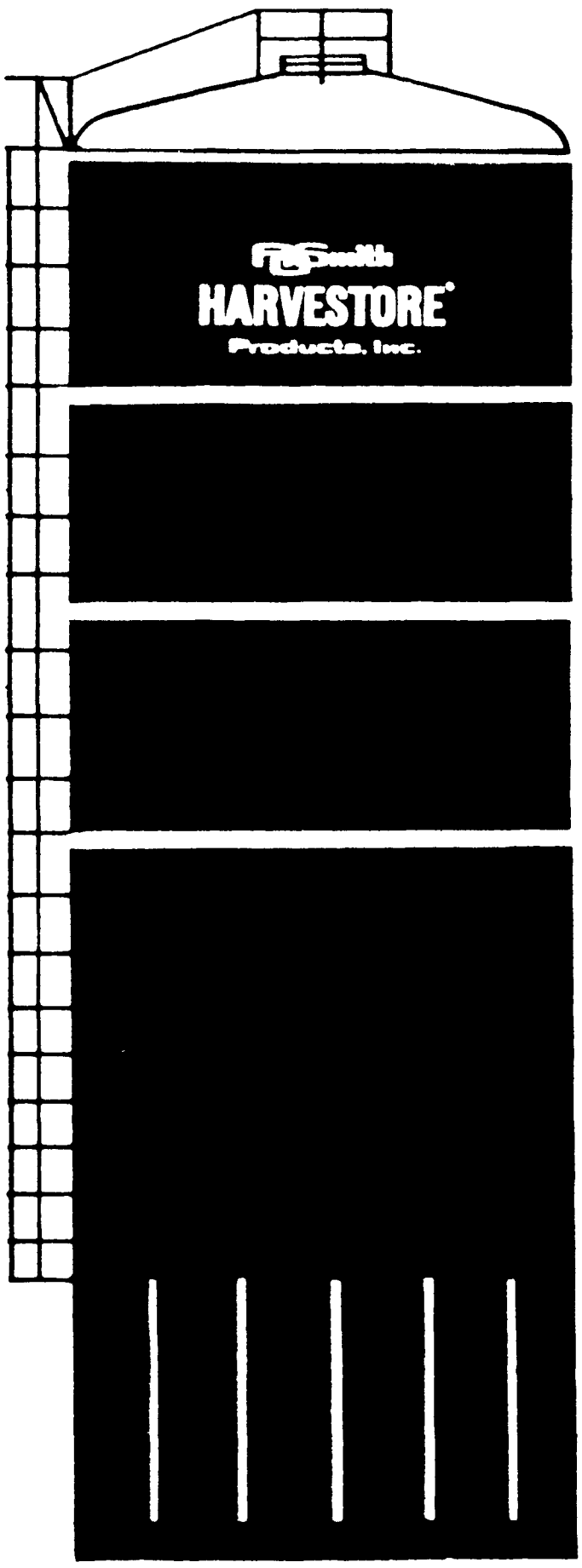

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(This may be your last opportunity for investment tax credit.)

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WHOLESALE — RETAIL

SEE US AT AG PROGRESS DAYS

August 20, 21, and 22

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IN PA **800-874-4803** NORTHEAST STATES (Except Maine) **800-874-4805**

RETAIL PRICE LIST FOR FALL 1985

FALL SEED-DELIVERY PREPAID FALL 1985

SEED WHEAT

Treated Seed 25¢ per Bushel More	1-50	50-200
Certified Tyler	7 00	6 90
Registered Tyler	8 00	7 90
Certified Hart	7 25	7.15
Certified Scotty	7 50	7 40
Registered Scotty	8.50	8.40
Cover Crop Wheat	6 50	6 40

SEED BARLEY

Treated Seed 25¢ per Bushel More

Certified Pennrad	6 25	6 15
Certified Barsoy	6.25	6.15
Certified Maury	6.25	6 15
Certified Post	7 25	7 15
Registered Post	8 25	8 15

SEED RYE

Small Seeded	7 50	7 40
Tetra Pelkus	7 50	7 40
Cover Crop	6 50	6 40

SEED OATS

Cover Crop	4 50	4 40

SPRING 1986

MUNCY-CHIEF SINGLE CROSS HYBRIDS

TREATED SEED — FULL 56 POUNDS BUSHEL

Quan		(Please Mark Size) BU MF	BU MR	Plate less
	M-C SX878 115 to 120 days			
	M-C SX776 110 to 115 days			
	M-C SX777 110 to 115 days			
	M-C SX662 105 to 110 days			
	M-C SX660 105 to 110 days			
	M-C SX560 100 to 105 days	60.00	58.00	57 00
	M-C SX552 100 to 105 days			
	M-C SX488 95 to 100 days			
	M-C SX480 95 to 100 days			
	M-C SX220 88 to 93 days			
	M-C SX103 80 to 85 days			

MUNCY-CHIEF 3-WAY CROSS HYBRIDS

	M-C 3X898 115 to 120 days			
	M-C 3X676 105 to 110 days	55 00	53 00	52 00
	M-C 3X553 100 to 105 days			
	M-C 3X408 95 to 100 days			

MUNCY-CHIEF DOUBLE CROSS HYBRIDS

	M-C H764 115 to 120 days			
	M-C H656 105 to 110 days			
	M-C H402 95 to 100 days			
	M-C H401 95 to 100 days			
	M-C H304 90 to 95 days	50 00	48 00	47 00
	M-C H270 88 to 93 days			
	M-C H207 85 to 93 days			
	M-C H207 85 to 90 days			
	M-C H207 85 to 90 days			
	M-C H208E 85 to 90 days	48 00	46 00	45 00
	M-C Silo Chief 85 to 100 days silo			
	M-C Lucky 7 Test Plot	70 00		

NEW MUNCY-CHIEF HYBRIDS

	M-C SX788 110 to 115 days			
	M-C SX688 105 to 110 days	92 00	90 00	89 00
	M-C SX588 100 to 105 days			

MUNCY-CHIEF QUIC — KROP CORN

BROADCAST OR GREEN CHOP	1 50	50 200
Muncy-Chief Quic-Krop Random Grade	$21 50	21 00

MUNCY-CHIEF SILAGE QUIC-KROP FOR ROW PLANTING

Muncy-Chief Silage Quic-Krop Random Grade	36 50	**36.00**

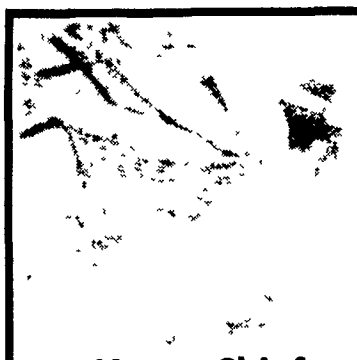
SEED OATS AND SEED BARLEY

Treated Seed 20¢ per Bushel More	1 200 bu	200 Bu to Trailerload
Certified Noble	5.00	4 90
Certified Ogle	5 00	4 90
Certified Porter	5 50	5 40
Cover Crop Oats	4 75	4 65
Spring Barley, Herta	8 50	8 40

MUNCY-CHIEF HYBRID SORGHUM SUDANGRASS

	1 50	50-200
M-C H202 (50 lb. bag)	21 00	20 50
M-C H205 (50 lb bag)	21 50	21 00

Early Payment on All Muncy Chief Spring Seeds
1% Off Per Month
To March 1, 1986



Muncy Chief sweet corn is extra sweet order your supply today

Over $25,000 00 Available For 1985 scholarship money certificates trophies

Call 800 number for information. You can still enter this years crop.

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	1 50	50 200
M-C H7232, (50 lb bag)	24.50	24.00

SOYBEANS

Certified Amsoy 71 or Amcor Bu.	13.50	13.25
Certified Williams, Bu	13 50	13 25

MUNCY-CHIEF INDIAN SEED CORN

	Pkt	2 oz	Pound
Varigated Indian Corn	1 50	5 00	25.00
Indian Popcorn	1 50	5 00	30 00

MUNCY-CHIEF SWEET CORN

Prices Per Pound	Pkt	Pound	10 lb Or More
Muncy-Chief Early Xtra-Sweet 72 (72 da)	1 50	5 00	4.75
Muncy-Chief Xtra-Sweet 85 (85 days)	1 50	5 00	4 75
Muncy-Chief Staysweet 87 (87 days)	1 50	5 00	4 75
Muncy-Chief Silver Queen 90 (90 days)	1 50	4 25	4 00

Muncy-Chief Baler twine Knotless Brazilian

MUNCY-CHIEF PREMIUM 9,000
350 lb. Tensile Strength
231 ft. per lb.

MUNCY-CHIEF PREMIUM 10,000
325 lb Tensil Strength
257 ft per lb

Call our 800 number for prices on twine for prompt shipment Early Fall payment for 1986 delivery and Spring 1986 delivery and payment

ONE ACRE, FIVE ACRE AND 25 ACRE CORN CONTEST INFORMATION

Join Muncy-Chief one and five acre corn contest and 25 acre contest One acre contest for youth (boys or girls) 18 years or under
Five acre contest and 25 For any farmers 18 or over

Champion First in Nation	Trophy and $250 00
Champion, First in State	Trophy and $100 00
Second in State	Trophy and $50 00
Third in State	Trophy and $25 00
Fourth in State	Trophy and $15 00
Fifth in State	Trophy and $15 00
Sixth in State	Trophy and $15 00

INVITATION - FIELD DAYS

SEPT. 25, 26, 27, 1985

COME TO MUNCY - SEE RESEARCH PRODUCTION FIELD & LUCKY 7 TRIALS REGULAR AND NO-TILL

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DO YOU WANT A JOB?

We can use more agents or dealers and area consultants, also area representatives for PA and nearby states These can be men or women full- or part-time, retired county agents, ASCS personnel, farmers or other interested persons

We need these folks to help service and make recommendations to farmers and Muncy Chief customers in connection with our system of 800 phone service

Pay and expenses commensurate with the time spent, agents and dealers buy at wholesale Phone or write in PA, 800-874-4803 or NE, 800-874-4805 for more information without obligation

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( ) Please ship or deliver above order on or about
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( ) I am a dealer in ( ) Fertilizer ( ) Lime ( ) Feed
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Muncy Chief are the growers and suppliers of Seed Oats Soybeans Sorghum Seed Rye and other seed grains Also Muncy Chief 9 000 and 10 000 Baler Twine

MUNCY CHIEF HYBRIDS

Muncy, Pennsylvania

Ann Harman is one of few women who carry Master Beekeeper title

BY SALLY BAIR
Staff Correspondent

LANCASTER — When Ann Harman was a little girl, she recalls wanting to "help" the bees as they went about their work. To help, she carried them from one flower to another. Incredibly, she was never stung.

Today, she is one of just a handful of women designated as a Master Beekeeper, a group probably numbering fewer than fifty, including men, in the eastern United States. Now she has fulfilled a lifelong desire to own bees and has seven hives to care for.

A resident of Laytonsville, Md., in Montgomery County, Harman was in Lancaster last week during the Eastern Agricultural Society's annual conference. She was here as an examiner for the latest group of master beekeepers and to teach a workshop on batik, which uses one of those famous beekeeping by-products — wax.

She explained that the Master Beekeeper designation can be achieved only after rigorous study and a three-part exam. There is a lab practicum, a theoretical exam testing knowledge of biology and behavior, and a field exam in which participants open up a hive and explain those skills.

"It covers all aspects of keeping bees, including honey," Harman says.

Harmon points out, "It is definitely college level. You have to know bee biology and honey chemistry. It is comprehensive."

One reason the course is so difficult is that it is designed to "discover those people who can teach with comprehensive knowledge." Once a person becomes a Master Beekeeper, he is usually sought out to give lectures and short courses to other beekeepers.

She notes, "There are high expectations and his requirements, and once you pass, they know you will be giving out proper information."

Harman, a science teacher by training, says learning by doing is not enough, although it all helps. She herself prepared by taking college-level courses in the entomology department of the University of Maryland. She also reads scientific journals to keep up with new developments in the field.

Living on 10 acres of "woods and weeds," Harman gave up her position as head of the science department of Georgetown Day School in Washington, D.C. 10 years ago to be able to enjoy life in the country. In addition to her bees, she owns several horses.

Harman proclaims, "I am strictly a hobbyist." In Maryland you couldn't make a living with hives no matter how many you have. To make a decent living you have to do many aspects."

She actually got started with bees when a friend presented her with a swarm. "He called and said, 'I have a swarm of bees in a box and I'm bringing them over.'" He also got her a hive (a pile of wood), which she got into shape, and she was off on a new adventure.

To get into the hobby, she says, "I started reading and I talked with a beekeeper." An important aspect, she learned, is that the biology of the bee governs the way you handle it. She points out, "Biology causes certain behavior and you must adapt to that behavior. A bee is not a domestic insect or animal."

She gave an example of putting a swarm in a hive, a useless job if there is no queen bee present. However, if you understand bee behavior, you will be able to observe the bees pointing in and fanning their wings if the queen bee is present.

Furthermore, in any hive the presence of a queen bee can be noted by the presence of eggs, which may be hard to find, or the presence of larva, which is easier to find. She says that beekeepers also know that bees live in the central part of the box and work their way up during the year.

Although bee hives do require some attention, it is a hobby that is not "grossly time consuming," according to Harman. "The busiest time is in the spring. Some months you do nothing."

In the spring hives must be checked to make sure the colony is large and healthy to bring in the honey. At that time she said, "You may be going into the hives every seven to ten days." Later "supers" need to be added, something which takes only a few minutes a day.

She says emphatically, "You must have a honey crop to sell and pay for supplies, so you need to do some management." She said the investment in equipment need not be large, because it is possible to rent or borrow honey extracting equipment.

"This is one hobby with the definite possibility of paying for itself, and you can do it with a full-time job. You can make your investment as large or as small as you wish."

When working with her bees, Harman said she uses only a veil because bee stings in the ear canal and around the eyes can be quite dangerous, and painful. She carries gloves with her, but 90 percent of the time does not use them in her work.

In answer to a question about how it is possible to sell different varieties of honey, Harman explained that bees are "plant specific;" that is, they work on one kind of plant at a time.

Therefore a good beekeeper knows when plants bloom, and can tell what kind of honey his bees have produced. Furthermore, she noted that not all plants are appealing to bees, especially those with red and pink flowers, which are most likely pollinated by other insects or birds. She added that different honeys have very distinctive tastes.

How important are honeybees to the population that might not enjoy honey? One third of the food supply, is dependent upon bees for the work they do in pollinating, according to Harman. Obvious examples are cantaloupes watermelons, squash and other garden fruits and vegetables.

Not so obvious are milk products which are produced by cows who love a diet high in alfalfa hay, which must be pollinated by bees. Bees are also responsible for the set on onion seed and carrot seed as well as soybeans. Harman says that foods would not only be very expensive without the work of bees, but some would be very hard to come by.

She markets all her honey "by word of mouth, all out my back door." She also uses a lot of honey herself.

Of course there are other aspects of beekeeping that are useful, and one is the production of wax. Harman encouraged the participants in her two workshops to get involved in batiking. "It is incredibly easy and anybody can do it," she says.

(Turn to Page B4)

One of the workshop participants learns to use geometric creases to design an interesting pattern for batik. Workshop leader Ann Harman explains the technique.

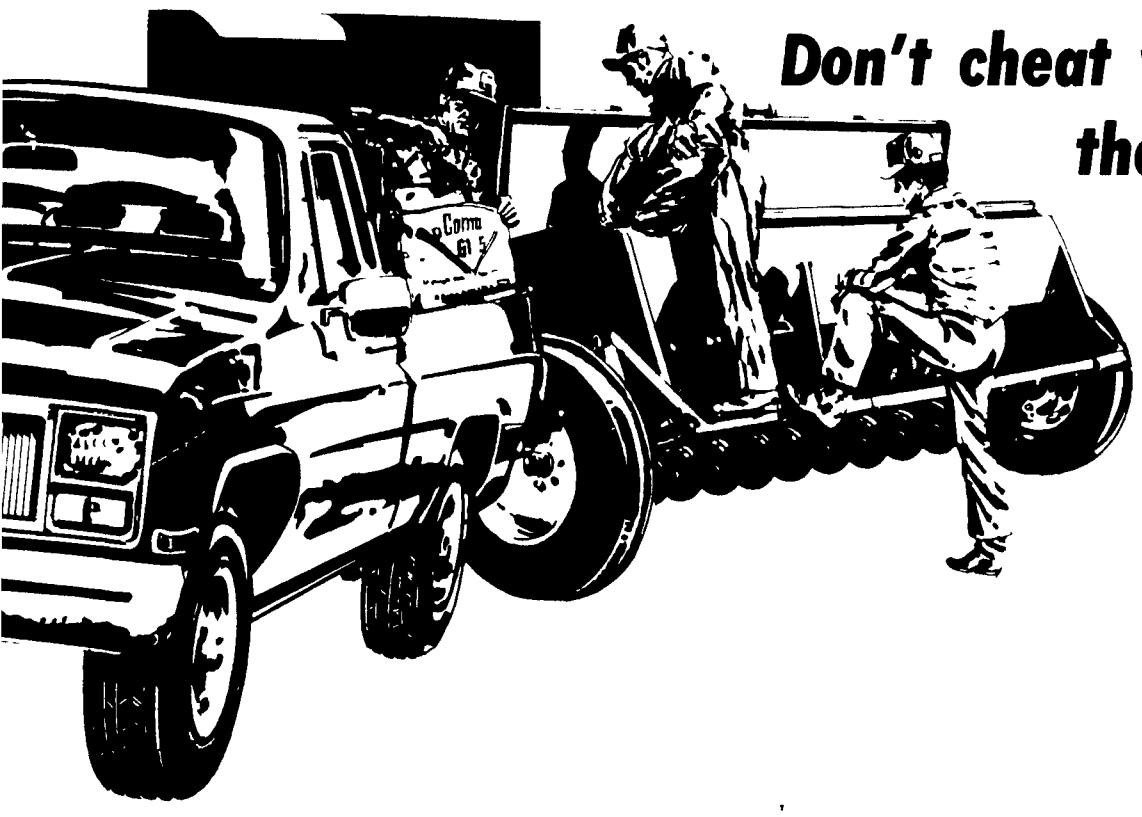
The fabric for this dress was done in batik.

This piece of batik was designed to be a window hanging. It was done in several steps to achieve a two-color look with the design.

Ann Harman, Master Beekeeper, stirs wax as it melts in a pot. The wax is to be used in making a design on fabric as the first step in the art of batik.

Homestead Notes

ALL WORK BOOTS ARE NOT CREATED EQUAL



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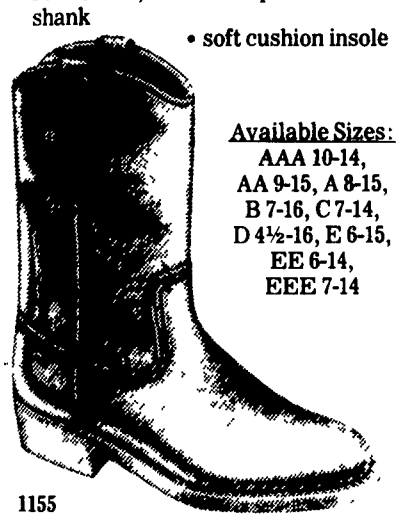

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- reinforced, ribbed tempered steel shank
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Available Sizes:
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C 9-12, D 6-14,
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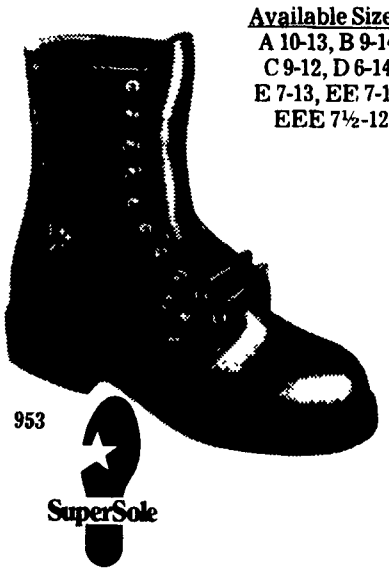
EEE 7½-12



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SuperSole

SuperSole Red Wings

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- exclusive, long-wearing SuperSole
- reinforced, ribbed tempered steel shank
- soft urethane foam cushion insole

Available Sizes:
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C 9-12, D 6-14,
E 7-12, EE 7-13,
EEE 7½-12

952

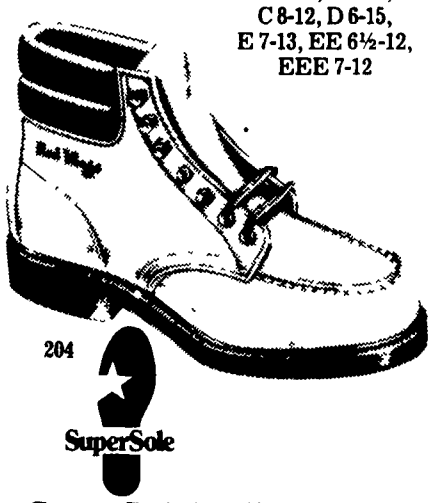
SuperSole

SuperSole Red Wings

204 6-Inch

- full-grain, water-repellent leather
- exclusive, long-wearing SuperSole
- reinforced, ribbed tempered steel shank
- padded collar
- soft urethane foam cushion insole

Available Sizes:
A 9-14, B 8-15,
C 8-12, D 6-15,
E 7-13, EE 6½-12,
EEE 7-12



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On being a farm wife - And other hazards

Joyce Bupp

It's not at all a new thought that doing without something makes it infinitely more precious and appreciated.

One of the most striking examples of that premise continues to be in the area of water. Sweet, clean, abundant water - such we have always enjoyed - is a commodity that's grossly taken for granted.

"I'm going to use all the hot water I want tonight," was my recent exhultation upon returning from a family camping getaway.

Water - when it must be heated for washing sticky pots and pans - ranks right up there as a measured, monitored, carefully-acquired necessity. Comparing the two inches of lukewarm soapy liquid in a small plastic dishpan to the gallons of steaming washwater used by our milking equipment, plus household use, puts a real perspective on the subject of water.

Nor can a cold sponge bath come close to ranking up there with a hot shower.

Of course, camping areas do come equipped with showers. At least some of them.

But water from more distant showerheads may literally reek of mineral compounds from assorted geological deposits.

"Don't I smell fresh?" sarcastically quipped the farmer upon return from bathing in a heavily sulphured - that's the rotten egg effect - aquatic supply.

Such water - to which I can personally attest - also combines poorly with certain lathering compounds. What it does instead is render a freshly washed head of hair into a sticky, gooey, mass of fibers, unpenetrable by either brush or comb.

Only the ministerings of the teenager's ever-present cache of carefully-selected hair appointments salvaged my from temporary reincarnation as a porcupine.

More and more, we will become aware of conservation measures directed at water usage.

You can be reassured that some measures are already in effect. Primitive camping areas may be equipped with push-button shower activators which render a full three seconds of dribbling, lukewarm water.

This most effectively tends to curb any tendency to luxuriate in a prolonged - and anticipated hot shower.

Such a shower setting is further enhanced by open-air ceilings, literally allowing one to shower with the stars.

Or the thunderstorm gathering lightning streaks in the distance.

So, at least for a brief bit, until I again forget and take it for granted, I shall infinitely treasure each glass of fresh, cold sweet spring water that has thus far abundantly blessed this farm.

And next in line of things to be thankful for will be a shower head which pours forth streaming streams of clean-smelling water - and doesn't need to be reset every three seconds.

Master Beekeeper

(Continued from Page B2)

Although it seems unlikely that a science teacher might enjoy that art, she explains that when she was teaching, she was best friends with the art teacher. "We worked closely and we both told our students to 'get out and observe things.'"

Only a few supplies are necessary for making batik. Most important is the fabric which should be of natural fibers - 100 percent cotton, silk or linen. Blends won't take dye as well, and the colors will be very light.

Wax is the second needed supply, and Harman says either beeswax or parafin can be used. When using beeswax, she says it should be clean, although it doesn't have to be the highest quality. Dirty wax, however, may stain the fabric.

Beeswax is softer and will create less "crackle" effect than parafin. The two can also be mixed for a different effect.

Other tools needed include something to put the wax design on the fabric. Harman is pragmatic: sticks, nails, "cheap brushes," stencils, pieces of sponge and potato stamps all offer possibilities. She says, "Look around. Don't be inhibited by anthing."

As for the potential design, Harman exhorts, "Be bold. Be simple. You can't go wrong."

For the novice she suggests using any cold water dye, and not bothering with the more expensive batik dye offered in craft shops. When dyeing and planning the effect, it is important to think in the negative, to picture how the finished product will look. Also, dyeing is done from light colors to darker colors.

The dye can be removed by picking away the largest part of it, and then ironing the remaining wax onto layers of old newspaper. Harman says you should just keep discarding the newspaper and ironing until the wax is gone. If the finished product is to be a hanging or a place mat, all of the wax need not be removed because it will give the fabric a stiffness that may be desirable.

Harman does not sell batik; it is strictly a hobby she enjoys, along with the pleasure of her bees.

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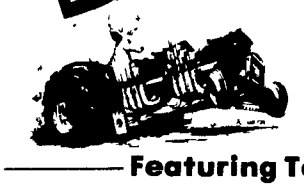

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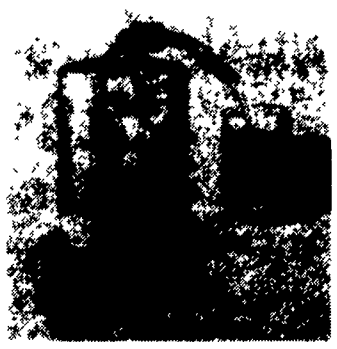

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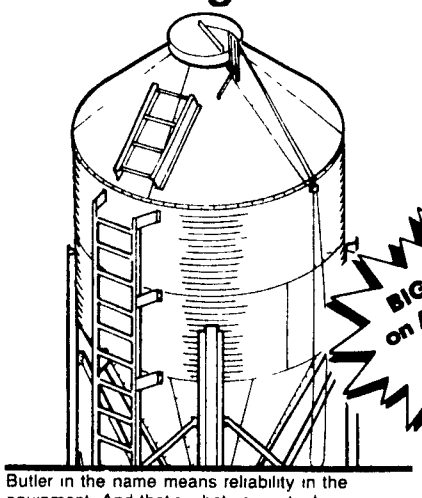

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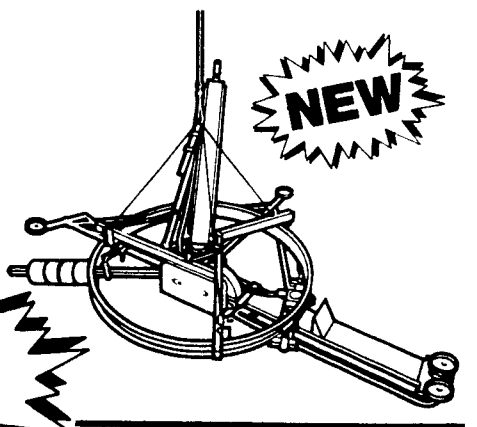

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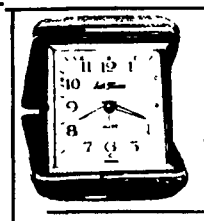

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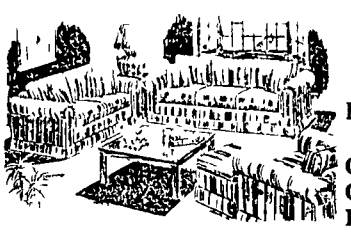

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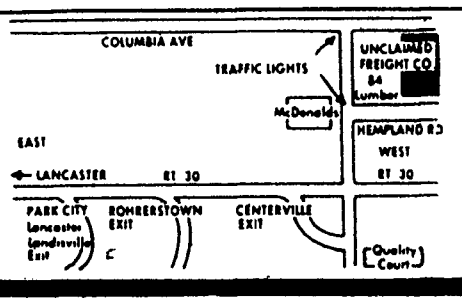

Ida's Notebook

Ida Risser

The summer seems to be passing so quickly. And so last week, between hay makings, my husband and I took two one-day trips. We visited some college friends of his that we had not seen for years.

One couple lives in Cape May, N.J., and have been retired for five years. They have a variety of flowers in their yard that defy description. The man is a ham radio operator and the woman has a kiln and fires and paints ceramics.

They showed us a nearby lighthouse and the ferry that travels from Cape May to Lewes, Del. They have a relaxed style of living and need to do nothing on a schedule.

A few days later we visited another college roommate who lives in Rockville, Md., which is just outside Washington, D.C. This man has just signed a new five-year lease on a suite of offices. We were privileged to travel on the Metro, a new subway, to downtown Washington to see his offices. He is a liaison for agricultural interests and travels abroad a lot. His wife has started a day care center at their church for very young children.

While we were in Washington, we visited the new National Geographic Society's "Explorers Hall." Here we saw an exhibit commemorating Mark Twain's life, Robert E. Peary's painful trip to the North Pole and Capt. Jacques-Yves Cousteau's undersea exploration. Also shown were presentations of cliff dwellers of the Southwest and the discovery of prehistoric people. We even saw a moon rock displayed in a glass case.

After hurriedly walking on busy Washington streets and being jammed shoulder to shoulder on a subway, it is very nice to be home again where the nearest neighbor is a mile away.

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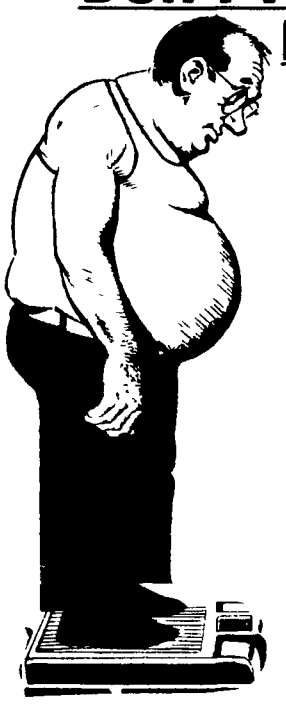

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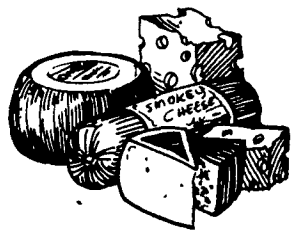
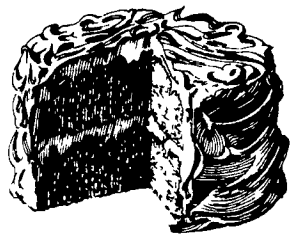


Home On The Range



Serve classic Italian dishes with good taste

Pizza oozing with mozzarella cheese, spaghetti topped with thick, chunky sauce, lasagna noodles layered with meats, cheese and vegetables. These are the makings of a classic Italian dinner.

When prepared with the freshest of dairy products and pasta, carefully seasoned with spices, and served with crusty Italian bread and a salad, these dishes make a hearty main meal for a hungry farm family.

To end your Italian event, try Cannoli or Peach Tortoni, two classic Italian desserts.

ITALIAN SPAGHETTI

2 quarts (28 ounces) tomatoes
1 12-ounce can tomato paste
1 15-ounce can tomato sauce
½ teaspoon Italian seasoning
¼ teaspoon onion powder
2 tablespoons sugar, if desired

Stir together in a large kettle. After meatballs (see below) are browned, put them in the sauce. Stir gently to mix together. Cook slowly for at least an hour, stirring occasionally.

Meatballs

1 quart ground beef
1 large diced onion
1 teaspoon salt
½ teaspoon pepper

Roll in balls and fry.

Mrs. C. Lester Eby
Williamsport, Md.

LASAGNA ROLL-UPS

12 fluted-edge lasagna noodles
¾ cup chopped onion
2 tablespoons butter
2 10-ounce packages frozen chopped spinach, thawed and well-drained
1 cup dairy sour cream
½ teaspoon salt
½ cup grated Parmesan cheese
1 tablespoon flour
2 8-ounce cans pizza sauce
1 cup (4 ounces) shredded mozzarella cheese

Preheat oven to 350°F. Cook lasagna noodles according to package directions; cool in a large bowl of cold water; set aside. Saute onion in butter until tender, about 5 minutes. Combine onion, spinach, sour cream and salt; set aside. Combine Parmesan cheese and flour; set aside. Remove lasagna noodles one at a time from water; pat dry with paper toweling. Spread with a scant ¼ cup spinach mixture. Sprinkle with Parmesan cheese mixture. Roll up jelly-roll fashion. Repeat with remaining noodles. Spread a small amount of pizza sauce in bottom of a two-quart rectangular baking dish. Arrange roll-ups in dish. Cover with remaining sauce. Bake until hot and bubbly, about 30 minutes. Remove from oven and sprinkle with cheese. Return to oven until cheese is melted, about 3 minutes.

RAVIOLI

6 cups flour
¾ teaspoon salt
4 eggs
About 1 cup warm water

Sift flour and salt onto board or big bowl. Make a deep well in the center and add eggs. Beat lightly with fingertips. Then mix eggs into flour with a folding in and lifting motion of the hands until they are well absorbed. Add wtaer gradually and start shaping in a ball. Knead dough just a few minutes and add just a bit more water if it seems too dry. Cover with a warm bowl 15 minutes. Knead again until dough gains more smoothness and air pockets disappear. Cover with warm bowl. Repeat kneading process two more times. Keep dough covered at all times. Roll all or ½ on floured board until very thin — the thinner the better. Drop teaspoons of filling about 2 inches apart on ½ of dough. Cover with the other half. With fingertips, gently press around each mound to form little squares. Cut apart with pastry wheel. Cook in boiling salted water 15 to 20 minutes.

Drain and place on platter. Sprinkle each layer with cheese and cover with tomato sauce.

Ravioli Filling

1 pound ricotta cheese
2 eggs, slightly beaten
½ cup Parmesan cheese
1 tablespoon chopped parsley
Salt and pepper to taste

Break up and mash ricotta with fork. Add remaining ingredients and mix until smooth. You can add about ½ cup chopped cooked ham.

Fran Westfall
Spring Grove

ITALIAN CASSEROLE

1 pound mild Italian sausage
⅓ cup chopped onion
1 15-ounce can pizza sauce
6 ounces cooked spaghetti, rinsed and drained
1 4-ounce can mushroom stems and pieces, drained
2 tablespoons chopped pimiento-stuffed green olives
1½ cups (6 ounces) shredded Provolone cheese
2 tablespoons grated Parmesan cheese

Preheat oven to 350°F. Cook sausage, onion in a large skillet, breaking sausage into small pieces. Cook until sausage is brown and crumbly; drain. Combine sausage-onion mixture, pizza sauce, spaghetti, mushrooms, olives and 1 cup Provolone cheese in buttered 1½ quart rectangular baking dish. Bake 15 minutes. Remove from oven and spinkle with remaining ½ cup Provolone cheese and Parmesan cheese. Bake an additional 10 minutes or until hot and bubbly.

DEEP DISH PIZZA

Cornmeal Yeast Dough:

2 to 2⅓ cups all-purpose flour
¾ cup cornmeal
2 tablespoons sugar
1 teaspoon salt
1 package active dry yeast
1 cup milk
2 tablespoons butter
Butter, melted

Hamburger Filling and Topping

1 pound ground beef
¾ cup chopped onion
¾ cup chopped green pepper
1 15½ ounce jar spaghetti sauce
1 teaspoon oregano
¾ teaspoon salt
¼ teaspoon pepper
1 4½-ounce jar sliced mushrooms, drained
6 1-ounce slices cheddar cheese, cut in half diagonally
6 1-ounce slices mozzarella cheese, cut in half diagonally
5 large green pepper rings
4 small tomato slices
Parmesan cheese

For dough, combine 1 cup flour, cornmeal, sugar, salt and undissolved yeast. Heat together milk and butter until very warm (120° to 130°F.) Gradually add to dry ingredients and beat 2 minutes at medium speed of mixer, scraping bowl occasionally. Add ¾ cup flour and beat 2 minutes at high speed, scraping bowl occasionally. Stir in enough additional flour to make a soft dough. Knead on a lightly floured surface until smooth and elastic, 5 to 8 minutes. Place in a buttered bowl, turning to butter top. Cover and let rise in warm place until doubled in bulk, about 1 hour.

For a thick crust pizza, butter one 12½-inch round au gratin pan or one 10-inch round cake pan and sprinkle lightly with cornmeal. For thin crust pizzas, butter two 12½-inch round au gratin pans or two 10-inch round cake pans or four individual 8-inch round au gratin pans. Roll out dough on a lightly floured surface to form a 14-inch circle for a thick crust pizza or divide dough in half and roll out each half to form two 14-inch circles or divide into 4 equal parts and roll out each part to form a 9-inch circle for thin crust pizzas. Place dough in pans, patting gently to cover bottom and sides. Brush with melted butter. Cover and let rise in warm place until nearly doubled in bulk, about 30 minutes. (Or cover loosely with plastic wrap and place in refrigerator to rise for 2 to 24 hours. When ready to bake, puncture any air bubbles and let stand at room temperature 10 minutes before baking.)

For filling, saute ground beef with onion and green pepper until beef is browned and cooked through. Drain off drippings. Add spaghetti sauce, oregano, salt and pepper. Simmer 5 minutes, stirring occasionally. Stir in ¾ of the mushrooms and reserve remainder for topping.

Top dough with hot filling mixture. Bake in preheated 400°F. oven 20 to 25 minutes or until crust is golden brown. Alternate overlapping cheese slices in spoke fashion on top. Arrange 4 green pepper rings filled with a tomato slice around edge and 1 green pepper ring filled with reserved mushrooms in the center. Sprinkle with Parmesan cheese. Bake 3 additional minutes or until cheese melts.

A big pan of lasagna makes a hearty Italian meal for hungry families.

Classic Italian desserts, Cannoli and Tortoni, are a great way to complete an Italian dinner.

PIZZA IN A BURGER

1½ pounds ground chuck
⅓ cup grated Parmesan cheese
¼ cup finely chopped onion
¼ cup chopped pitted ripe olives
1 teaspoon salt
Dash of pepper
1 6-ounce can tomato paste
4 slices mozzarella cheese, cut in half
8 cherry tomatoes
8 hamburger buns, split and toasted

Combine meat with next 7 ingredients, blend. Shape meat in 8 patties. Broil on grill or oven at 350°F. for 10 minutes or until done. Turn and top each patty with mozzarella cheese and half a cherry tomato. Broil 5 minutes longer until cheese melts. Put ripe olives on top of bun.

Betty Biehl
Mertztown

(Turn to Page B8)

Recipe Topics

If you have recipes for the topics listed below, please share them with us. We welcome your recipes, but ask that you include accurate measurements, a complete list of ingredients and clear instructions with each recipe you submit. Send your recipes to Sue Keene, Lancaster Farming, P.O. Box 366, Lititz, PA 17543.

August	
24	Soups
31	Quick Breads
September	
7	Pack A Lunch

Featured Recipe

This week's featured recipe comes from the American Heart Association Cookbook and will be featured at the Family Living exhibit at Ag Progress Days in Penn State next week.

Extension home economists manning the "Cooking for Your Heart" exhibit will be distributing samples of these bran muffins, which are low in cholesterol. The exhibit will also allow visitors to test their cholesterol level and learn how to adjust their diets accordingly. To learn more about the Family Living exhibits at Ag Progress, turn to this week's Family Living page.

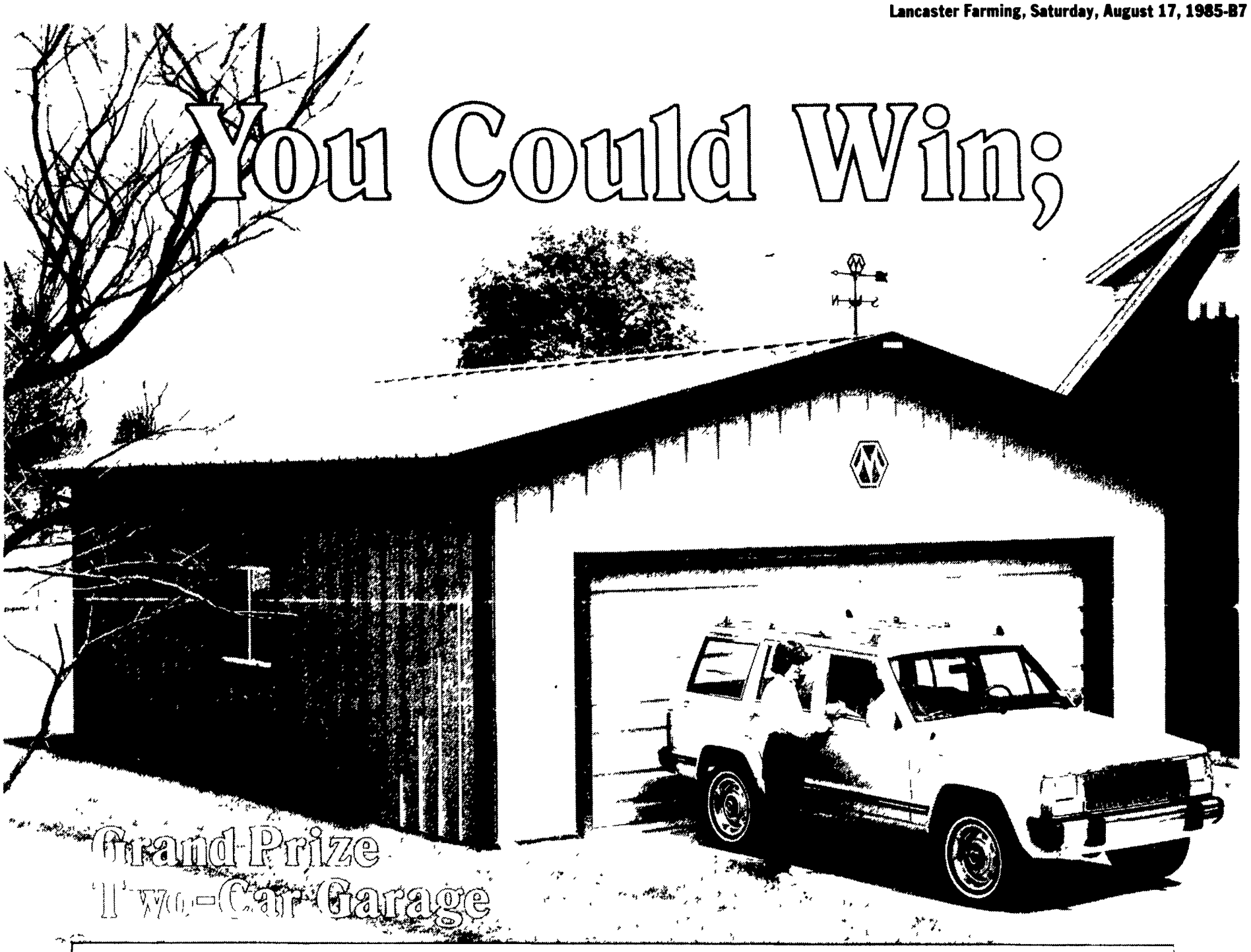
Buttermilk Bran Muffins

¾ cup raw bran
1 cup buttermilk
1 egg or 2 egg whites, or equivalent egg substitute
⅓ cup honey
⅓ cup vegetable oil
1 teaspoon nutmeg
½ cup raisins
½ cup shredded carrot
1¼ cup flour
1 teaspoon baking soda

In a bowl, combine bran, buttermilk, egg whites, honey, oil, raisins and carrots. Let stand for 10 minutes. Preheat oven to 425 F. Grease muffin tins lightly.

In a larger bowl, sift flour, baking soda and nutmeg together. Make a well in the center and add buttermilk and bran mixture. Stir just enough to dampen flour. Batter should be lumpy. Spoon batter in tins filling them ¾ full. Bake for 15 to 20 minutes or until tester comes out clean. Makes 1 dozen muffins.

You Could Win;



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Italian dinners

(Continued from Page B6)

CANNOLI

8 ounces ricotta cheese, softened
¼ cup mini semi-sweet chocolate pieces
1 teaspoon grated orange rind
1 8-ounce container whipped topping
12 cannoli shells
Powdered sugar

Fold cheese, chocolate pieces and rind into whipped topping; chill. Fill shells with whipped topping mixture; sprinkle with sugar.

PEACH TORTONI

1 cup chopped peaches
2 tablespoons sugar
1 cup crumbled almond macaroons
¼ cup chopped maraschino cherries, well-drained
1 8-ounce container whipped topping
¼ cup slivered almonds, toasted

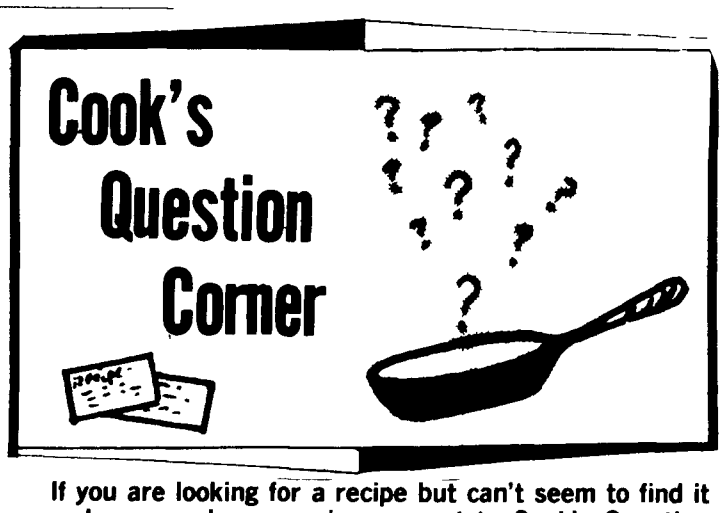
Combine peaches and sugar; let stand 10 minutes. Fold peach mixture, macaroons and cherries into whipped topping. Spoon into paper-lined muffin cups. Top with almonds; freeze until firm.

BOUNTIFUL LASAGNA

Preheat oven to 375°F. before beginning recipe.
20 lasagna noodles
3 large bunches fresh chard or spinach
⅔ cup chopped onion
2 tablespoons oil
2 cups grated raw carrots
3 cups sliced fresh mushrooms
2 15-ounce cans tomato sauce (or use thick homemade)
3 cloves minced garlic
1 cup chopped pitted olives
2 teaspoons dried or 4 teaspoons fresh chopped oregano
3 cups ricotta cheese
2 pounds Monterey Jack cheese, sliced thinly
¾ cup grated Parmesan cheese

Cook noodles in boiling, salted water for 8 to 10 minutes. Drain. Wash spinach or chard well and cook very briefly in a small amount of boiling water — about five or six minutes. Drain very well and chop. In a large skillet, saute the onion and garlic in the oil until soft. Add the tomato sauce, olives, carrots, mushrooms and oregano and heat thoroughly. Oil a large, deep casserole or pans. Layer in one half each of the noodles, ricotta (or cottage cheese), drained chopped spinach or chard, sauce mixture, and cheese slices. Repeat, placing remaining one half of the Monterey Jack on top.

Sprinkle with the Parmesan cheese. Bake in preheated 375°F. oven for 30 to 45 minutes, until hot and bubbly. This dish should serve 15 people in a very satisfying manner or can be cut in half to serve 6 or 8.



If you are looking for a recipe but can't seem to find it anywhere, send your recipe request to Cook's Question Corner, care of Lancaster Farming, P.O. Box 366, Lititz, Pa. 17543. There's no need to send a SASE. If we receive an answer to your question we will publish it as soon as possible.

Answers to recipe requests should be sent to the same address.

QUESTION - Mrs. Joy Reisinger, Landisburg, would like a recipe for carrot-raisin salad

QUESTION - Mrs. Vivian Danz, New Providence, would like recipes for cream of broccoli soup and cream of cauliflower soup.

QUESTION - Mrs Mary Sweigard, Halifax, would like recipes for dainty, delicate cookies suitable for serving at a reception with a punch bowl.

QUESTION - John Orleski, Cresco, would like to know how to keep tomatoes from separating when canned

QUESTION - Mrs. Marvin Hoover, Womelsdorf, would like a recipe for nut loaf. It is made like a pudding with milk, graham crackers, whipped cream, peanut butter and marshmallows

QUESTION - R Scott, Quarryville, would like a recipe for barbecue flavoring for sandwiches, meats and vegetables.

QUESTION - Joyce Engle, Potter County, would like a recipe for cup cheese made from whole milk

ANSWER - A ready from near Harrisburg asked how many stems of meadow tea is needed per quart of water. She also wanted to know if she should use just the leaves. Thanks go to Mrs. Ray W. Seidel, Lenhartsville, for her advice on how many leaves to use, and to Lydia Stoltzfus, Strasburg, for her advice and recipe.

Mrs. Seidel writes: "I have read that the lower leaves are too pungent to be used for flavor. Use only the top 5 to 7 leaves. (Cut plants back 2 to 3 times during the summer.) Also, you can avoid cloudiness in iced tea by letting the freshly made tea cool slowly at room temperature before putting it in the water."

Lydia Stoltzfus suggests: "Use 8 stems (about 5 inches long) of tea per quart of water. Heat water to boiling, then pour on tea and leave in water just long enough to have a nice color to it. Leaving the stems in boiling water too long can result in a bitter taste. Take stems out of water and sweeten to taste. Use one or two less stems of tea if the stems are long."

Tea Syrup

4 cups boiling water
1 cup loose tea (leaves only)

Let steep for 15 minutes. Strain. Add 2 cups sugar (or more to taste). Boil for about 10 minutes. This will make a quart of syrup. Put 1 tablespoon syrup in a glass, then fill with water and ice. This should make 1 gallon of iced tea, depending on strength desired. Can be put in containers and frozen.

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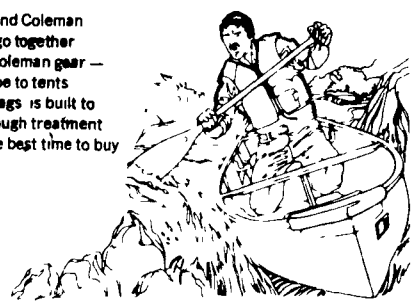

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Medistan	4 6	E	1	20 Lb	1	2	1
Oneida VR	4 6	M	2	20 Lb	2	1	3
Lancaster Plus	4 6	M	2	20 Lb	2	1	2
Mohawk	4 6	M	2	20 Lb	2	1	3
Oneida	4 6	M	2	20 Lb	2	1	3
Saranac AR	4	E	2	20 Lb	1	2	2

(RATINGS 1 Equals Excellent to 9 Equals Poor) E Equals Early M Equals Medium

PEST REACTIONS

Variety	Phyto Root Rot	Vert Wilt	Anthracnose	Bact Wilt
Medistan	1	1	1	1
Oneida VR	1	1	6	1
Lancaster Plus	3	4	3	1
Mohawk	6	8	1	1
Oneida	1	8	8	1
Saranac AR	6	8	1	2

(REACTION TO 1 Equals Resistant to 9 Equals Susceptible)

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THE MICRO WAY

LANI BLOOMER

This is the time of year when the garden dumps zucchini, zucchini, and more zucchini on us! Or too many tomatoes to keep up with. So here are a few recipes to help solve this wonderful problem.

If you don't have a garden, these recipes use summer vegetables that are plentiful and inexpensive in the stores right now.

Zucchini Tomato Casserole

¼ cup chopped onion
2 tablespoons olive oil
2 tablespoon chopped parsley
¼ teaspoon basil
1 pound zucchini (3-4 small) sliced in ¼" slices
2 fresh tomatoes, peeled and chopped coarsely
1 tablespoon butter or margarine
¼ cup fine dry bread or cracker crumbs
2 tablespoons grated parmesan cheese
½ teaspoon paprika

1. Combine onion and oil in a 1½-quart casserole. Cover and cook on high for 2-3 minutes until tender. Stir in parsley and basil, then zucchini and tomato, mixing gently.

2. Recover, and cook on high for 5 minutes. Stir gently.

3. Melt butter or margarine in a 1 cup measure (cook on high for 30 seconds). Stir in crumbs, cheese and paprika. Sprinkle topping over casserole.

4. Leave casserole uncovered and cook on high for 4-5 minutes longer until vegetables are tender and casserole is heated through. Serves 4.

Zucchini Boats

4 medium zucchini (about 1½ pounds)
¾ pound ground beef or lamb
¼ cup fine dry bread crumbs
¼ cup grated parmesan cheese
¼ cup tomato juice
1 egg beaten slightly
2 tablespoons chopped parsely
½ teaspoon garlic salt
1/8 teaspoon pepper
Paprika

1. Wash and cut stem end off zucchini. Put in a flat casserole dish (8 X 10 or 9 x 11) and cover with waxed paper. Cook on high for 5-6 minutes, turning zucchini over halfway through. Let stand 5 minutes. Zucchini should be tender but still firm.

2. Crumble hamburger into a plastic colander set on a plate. Cook on high for 4-5 minutes to brown, stirring twice.

3. Cut zucchini in half and scoop out pulp, leaving ¼" shell. set shells aside and chop pulp.

4. Combine remaining ingredients, except paprika, with zucchini pulp and browned meat. Fill shells and sprinkle paprika on top.

5. Place "boats" in flat casserole and cover with waxed paper. Cook on high for 5 minutes. Rearrange boats, putting center ones near the edges and cook on high for 5-6 minutes longer until cooked through. Serve immediately. Serves 4.

Zucchini Lasagna

2 eggs slightly beaten
1 cup grated parmesan cheese, divided
1 cup ricotta or small curd cottage cheese
½ pound ground beef, optional
3 cups grated zucchini, about 1 pound
1 jar (32 ounces) prepared spaghetti sauce
½ cup sliced mushrooms or 1 (4 ounce) can drained, optional
6 lasagna noodles, uncooked
8 ounces mozzarella cheese, sliced or grated

1. Blend eggs, ¾ cup parmesan cheese and ricotta cheese in a bowl, set aside.

2. Brown ground beef in a plastic colander set on a plate on high for 3-4 minutes, stirring to crumble meat. In another bowl, combine meat, zucchini, mushrooms, and spaghetti sauce.

3. Spread ⅓ sauce (about 1¾ cups) in the bottom of an 8 x 10 (2 quart) flat microwave pan. Put three noodles over sauce, pressing them down gently. Spread half ricotta mixture over noodles, and half mozzarella on top. Repeat layers, using 1¾ cups sauce and remaining noodles, ricotta and mozarella. Top with remaining sauce. Cover with lid or plastic wrap (vent one corner).

4. Cook on high for 10 minutes, then rotate pan. Reduce power and cook on medium (50,5) for 20-25 minutes.

5. Sprinkle remaining ¼ cup parmesan cheese over top, recover and let stand for 10-15 minutes until the noodles are fully tender. (Insert a toothpick down through the center to see if noodles are tender.) Serves 6-8.

Tip: To prepare ahead, assemble lasagna and refrigerate. Increase cooking time on high power to 15 minutes.

Note: The cooking times above are for microwaves with 600-700 watts. For 500-600 W, add 10 seconds to each minute; for 400-500 W, add 20 seconds to each minute.

Copyright 1985, Lani Bloomer

Cumberland Co. 4-H Horse Roundup

The Cumberland County 4-H Horse Roundup was held recently at Longacres Show Ring. County winners in the grooming and showing contest include from left, Jessica Shetron, Newville, senior division winner; and Becky Spahr, Newville, junior division winner. These 4-H'ers and other members were selected to represent Cumberland County at the District 4-H Horse Show on Aug. 17 at Heritage Acres, Dillsburg.

Elm-Penryn 4-H Club

The Elm-Penryn 4-H Club recently held a round-up at St. Paul's Lutheran Church. They held a talent show and displayed projects.

Presidents Denise Haldeman and Stacy Nestleroth led the meeting. Girls who made clothing in the sewing project held a fashion show.

Eric Rotenberry from the Penn Willow 4-H Club encouraged people to help in his Statue of Liberty booth at Achievement Day.

Jane Shons' dog obedience group demonstrated skills they learned in their classes.

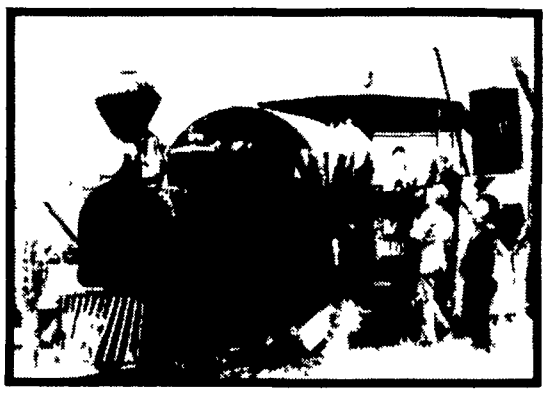
ROUGH & TUMBLE

ENGINEERS HISTORICAL ASSOC.
U.S. 30 at Kinzer's, 13 Miles East of Lancaster, PA

STEAM & GAS ENGINE SHOW

August 21, 22, 23, 24, 1985

(Corrected Dates From Last Weeks Issue)



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DAILY PROGRAM

7:00-9:00	Breakfast, Kinzer Fire Co. Bldg.
7:00-?	Food served by the Ladies Aux. of R & T
10:00	Opening Ceremonies
10:30	Machinery in operation
11:15	Talk about R & T artifacts, John Heisey, lecturer - tent near farm house
12:00	Noon whistle blow
1:00	Pageant of Threshing-inside Little Toot Railroad Circle
1:30	Threshing by Steam Powered Threshing Rig-west of speaker's stand
2:30	Different talk on R & T artifacts-tent near farm house
3:00	Saturday-Quilt auction at speaker's stand
3:45	Parade of Power-Grand Stand Area
4:30-6:30	Supper served, Kinzer Fire Co. Bldg.
6:30	Evening Programs begin - Grand Stand Area
	Wednesday - Threshing demo. and Fiddlin' - Everyone welcome to join
	Thursday - Square Dancing with Warren Mercer and the Royal Ramblers
	Friday - Steam and Gas games and compeition Saturday - Hymn Sing-Along

SPECIAL EXHIBIT

A special exhibit this year will bring together between 50 and 60 pieces of equipment. They will show the history of the Rumely company, later taken over by Allis-Chalmers. The Rumely pieces date from about 1815 until the take-over by Allis-Chalmers in April of 1931. Allis-Chalmers machines up to the 1950s complete the historic circle of restored and running machines. At the appropriate time, most of these units will join in the parade.

The Rumely/Allis-Chalmers exhibit will also include the largest Rumely Steam engine ever built, a 140 HP monster from about 1915. Rumely's first steam traction engine was built in 1910 and its largest selling tractor, the 30-60 Model E - a 30 HP unit, was offered from about 1918. Two of these will be on exhibit.

An Aultman-Taylor tractor was the Model E's biggest competition. Rumely's answer to this threat was to buy the company out. A 1924 Aultman-Taylor tractor will be shown. When Allis-Chalmers took over Rumely in 1931 they continued to make a standard tread "Rumely 6" under the Rumely name until all the available parts were used up. The company then replaced it with an Allis-Chalmers unit so close in design to the Rumely 6 that the parts may have been interchangeable. One of these "new" Allis-Chalmers tractors will also be on exhibit.

Kid's Korner

Up, up and away in a beautiful balloon at Lebanon Fair

BY SETH BAIR
Balloon Editor

LEBANON — At the 1985 Lebanon Fair Carlos Lefler, a petroleum distributor, held a hot air balloon ride for anybody who would pay $5. The money that you paid went to benefit the 4-H program.

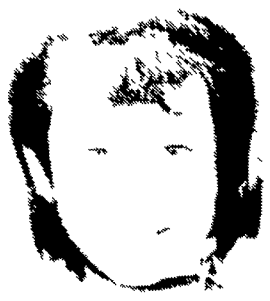
The view was beautiful as you would float above the ground watching people wave at you from below. You could see the chicken barbeque stand with its long snaking line. You could see from a different angle the dunking booth, where you would pay $1 for six softballs or six hardballs with which you could dunk a person sitting on a stool if you hit the little red target.

You could see the road with its little matchbox cars. The showing tent was in sight, and you could see the mobs of people waiting for snowcones and pizza and almost any other food you could think of from shrimp to milkshakes and everything in between.

And that ends a ride in a beautiful big balloon. It feels good to be back on the ground again. Now I can go grab a bite to eat and browse through the livestock barns and see the blue ribbon cattle.

Soon I begin to hear the engines roar and I begin to thread my way to the garden and lawn tractor pull. Now that I am here I can see the tractors pulling at the sled. Toward the end of the evening is the moment most people have been waiting for. The one modified lawn and garden tractor comes out, but quarter of the way down the track the chain on the chain drive broke.

It is getting late and people begin to leave. Some walk past the 4-H auction which had been going on most of the night. As I walk with my grandparents to the car I know I have enjoyed my day at the fair.

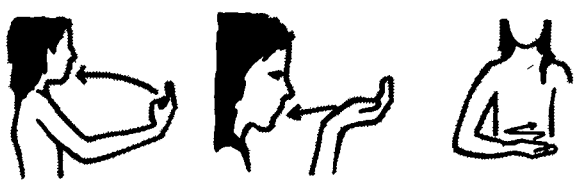


The author, Seth Bair, enjoying his first hot air balloon flight.

Above is the Leffler baloon that provided rides at the Lebanon Fair for the benefit of the Lebanon 4-H Development Fund.

FOOD FOR THOUGHT

Everyone uses body motions or "body language" while speaking. But the American Indians made up a language of signs so complete that spoken words were not needed. This way they could "talk" with Indians from tribes that spoke a different language. Here are some signs Indians could use when they got hungry.



come

drink, water

hungry

eat, food

glad, good

Did you know?

The nose of Abraham Lincoln on Mount Rushmore National Monument in South Dakota is longer than the entire face of Egypt's Sphinx, according to National Geographic World. George Washington's head would fit a statue 465 feet tall.

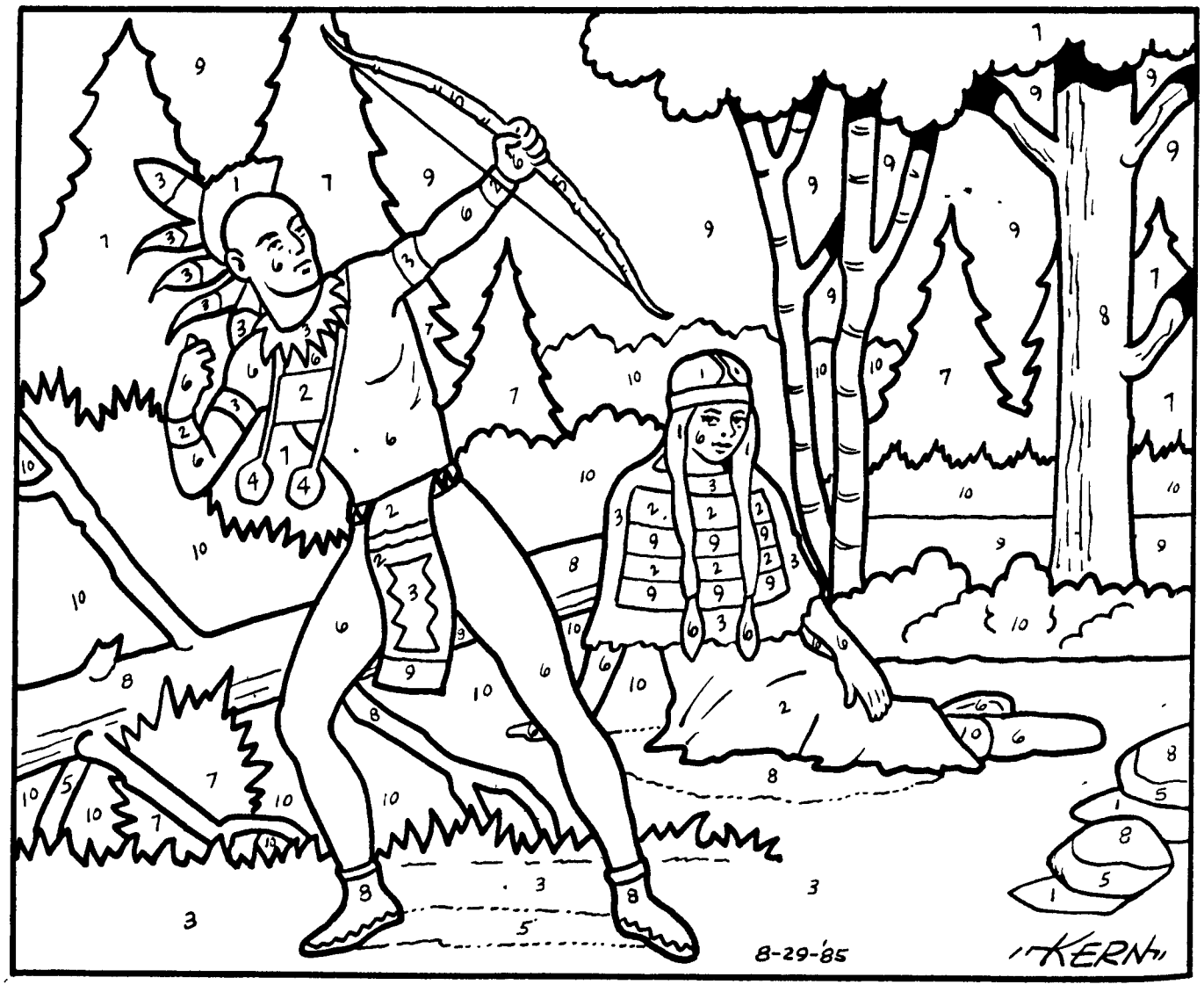
XXX

El Ninos, the shattering of normal weather patterns whose 1982-83 occurrence was especially devastating, appear on the average of every four or five years, but irregularly–as rarely as 10 years apart or as frequently as every two years, National Geographic reports.

COLOR THIS!

1.	BLACK	6.	PEACH
2.	RED	7.	GREEN
3.	YELLOW	8.	LT BROWN
4.	BLUE	9.	LT. BLUE
5.	BROWN	10.	LT. GREEN

HIAWATHA IS THE NAME OF THE INDIAN HERO OF THE POEM, "THE SONG OF HIAWATHA," WRITTEN BY HENRY W. LONGFELLOW. HE BASED IT ON STORIES WHICH WERE TOLD TO HIM BY INDIAN TRIBES. THE INDIANS BELIEVED THAT A MIRACLE CREATED THIS STRONG WARRIOR. HIS GREATEST GIFT WAS TO PLANT CORN FOR THEM.



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Farm Women Societies

Lancaster Society 19

Lancaster Society 19 met on Aug. 10 at the home of Arlene Hollinger.

Dr. Lucille Wingert, director of Bethany Christian Service, presented the program. Bethany offers alternatives to abortion.

The next meeting will be Sept. 14 at 1 p.m. at the Blind Association, 244 N. Queen St., Lancaster.

The group will entertain at the Harrisburg State Hospital, Sept. 17.

Lancaster Society 25

Lancaster Society 25 met recently at the home of Mrs. John B. Metz, Conestoga.

Following a business meeting, Mr. Metz took the group on a tour of his collection of trees.

The next meeting will be an anniversary banquet at Hershey Farm Restaurant Sept. 14 at 6 p.m. A barbershop quartet will provide music.

Berks Society 5

Berks Society 5 met at the home of Gladys Gutshall, Womelsdorf, on Aug. 6.

President Carolyn Feeg conducted the business meeting which included collecting recipes utilizing Pennsylvania farm commodities. She also read an invitation from Society 6 to join in their 25th anniversary celebration Oct. 1 in Boyertown.

The group decided to substitute this event for its scheduled October meeting. A trip to Baltimore's Inner Harbor was canceled due to lack of interest.

The next meeting will be Sept. 3 at the home of Alberta Keener.

FWS Calendar

Saturday, August 17

Lancaster Society 3 meets for a program on "The Adventures of Mary Jane and Edie in Europe."

Lancaster Society 12 meets for a program at the Farm and Home Center at 1 p.m.

Lancaster Society 18 meets at 1:30 p.m. for a travel talk by Nancy Leed

Monday, August 19

Lancaster Society 34 meets for a program on child abuse and molestation by Planned Parenthood.

Lancaster Society 30 meets at noon for a swimming party and picnic with children at the New Holland swimming pool.

Lancaster Society 31 plays miniature golf at the Village Green, Strasburg.

Tuesday, August 20

Lancaster Society 6 meets at Bessie Rapp's.

Lancaster Society 27 meets for a work project.

Thursday, August 22

Lancaster Society 26 meets at 10 a.m. to visit the Ephrata Cloister.

Saturday, August 24

Lancaster Society 3 meets for a corn and doggie roast at Hopeland Park.

Lancaster Society 8 meets for a barbecue.

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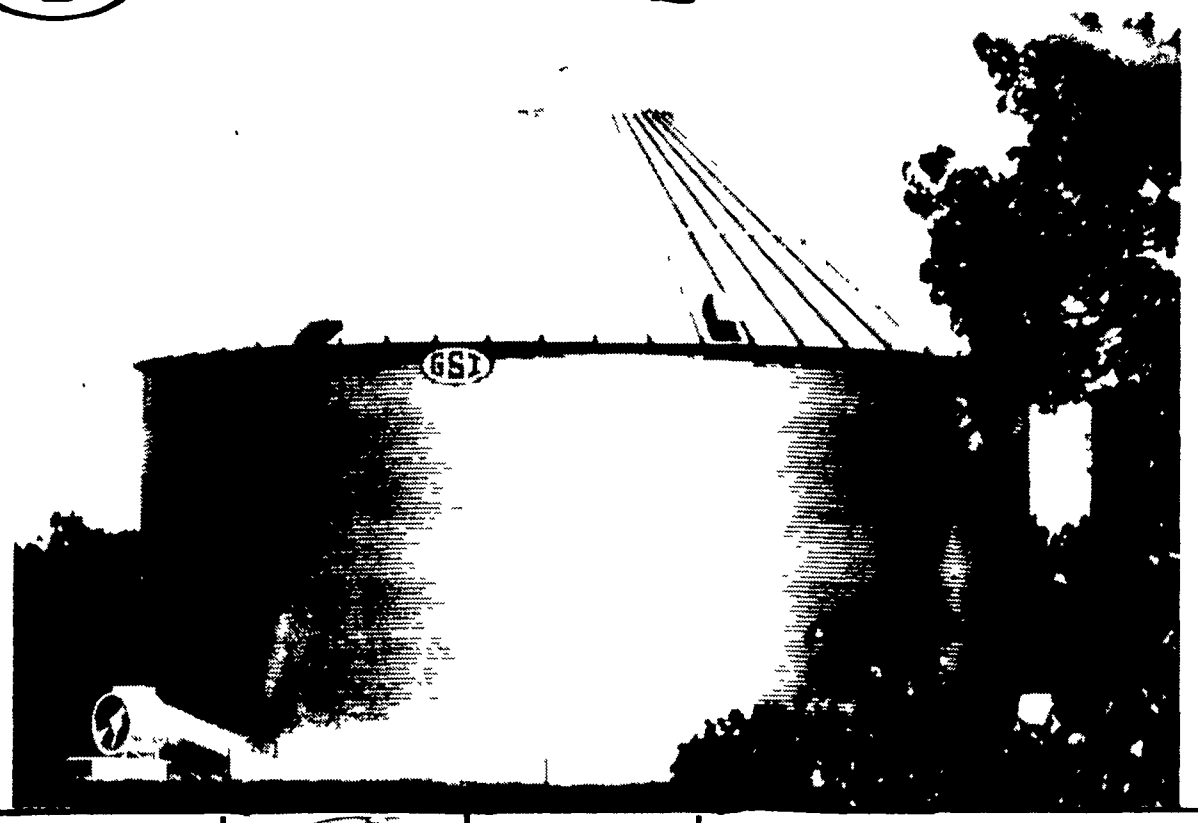

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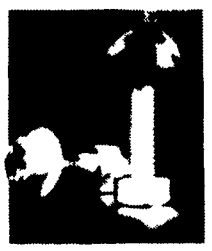

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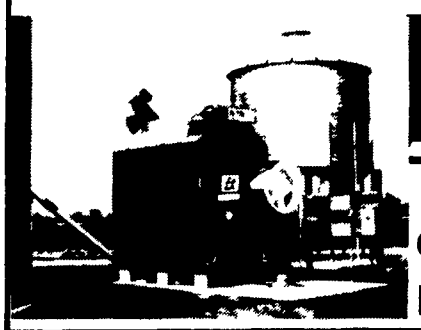

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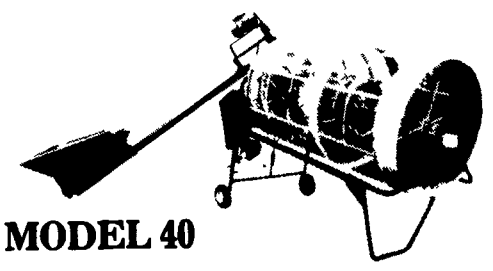

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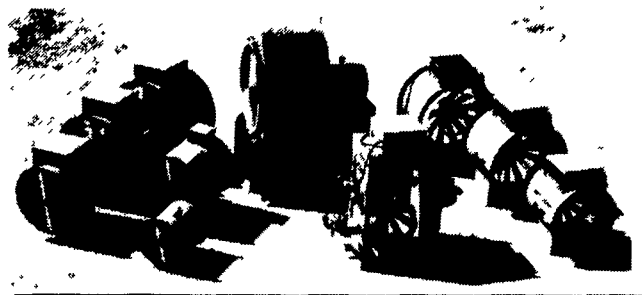

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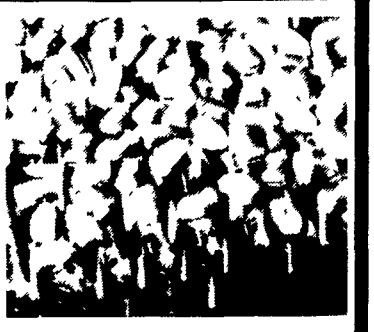

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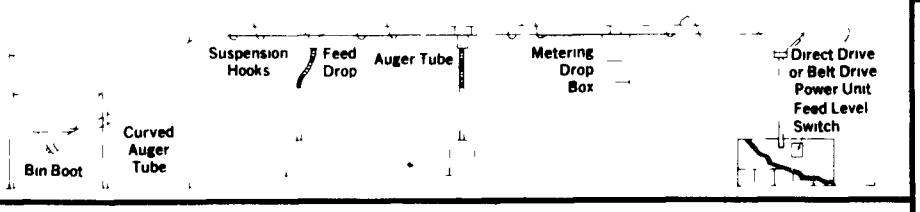

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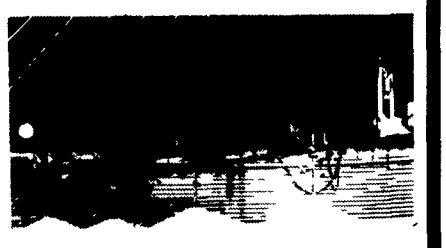

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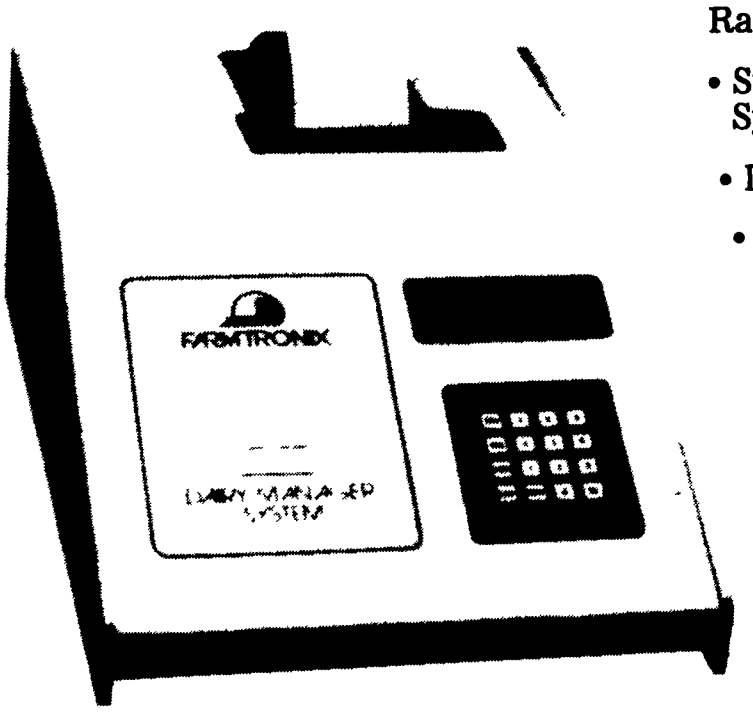

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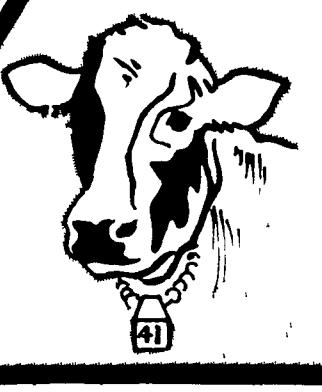

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Ag Progress Family Living exhibits highlight extension computer programs

BY SUZANNE KEENE

LANCASTER — If you've ever canned a 10-year supply of tomatoes in one season, wondered just how much stress you're living with, or pondered the wisdom of buying an expensive energy-efficient appliance, the family living exhibits at Ag Progress Days are for you.

Extension home economists in the Southeast region have planned a number of exciting family living exhibits for this annual event, including a computer exhibit that will help you answer questions like those above.

Michelle Rodgers and Claudia Cross, extension home economists from Berks and Bucks Counties, developed the six computer programs that will be displayed in the College of Ag Building at Rock Springs Agricultural Research Center, Aug. 20 to 22.

Visitors will have an opportunity to try the programs on four Macintosh computers set up in the Ag Building.

"People actually get hands-on experience," says Barbara Davis, Extension family living specialist at Penn State. "I think it's going to be an interesting exhibit."

The programs are part of the Pennsylvania Extension Network, a $2 million project that has set up computers in county extension offices and linked them in a statewide network.

In Berks County, Rodgers has designed two computer programs to help people identify stress. "The programs came out of the express needs of other home economists," she explained.

One stress program, titled "Stress on the Farm," lists 30 inputs of typical stressful farm incidents, such as the death of a valuable animal. The program user indicates if that particular event occurred in the past year and if it was stressful.

"It helps identify degrees of stress that you need to develop coping skills for. It's an awareness tool," she explained.

"Uptight?" is the other stress program Rodgers developed. The "Uptight" program is quite similar to "Stress on the Farm," but all of the events listed are not farm related.

Rodgers also developed a "Networth" program to aid users in calculating their networth. The program displays a balance sheet showing assets and liabilities. Everyone should figure their networth yearly to follow their financial progress, Rodgers advised.

Bucks County Extension home economist Claudia Cross developed the other three programs that will be demonstrated at Ag Progress. Her "Energy Efficient Appliances" program compares two models of the same appliance and indicates which one is cheaper to operatei. For example, one model may carry a higher retail price, but be less expensive in the long run because of energy savings.

To make the comparison, the user must know the cost of running the appliance for one year, information that is available on energy labels accompanying most appliances.

"Saving for a Financial Goal," is another of Cross' programs aimed at managing money wisely. The program user plugs in the amount of money he needs and when he needs it, and the computer indicates the amount of money he needs to save monthly.

"Any kind of financial goal can be entered," Cross explained. To run the program, the user must know the rate of return on his savings.

For those who have trouble knowing the right amount of food to can or freeze, Cross developed a "Food Preservation" program. "It tells the user how much food they need to preserve so it lasts one year," she said. The user plugs the kind of food she is preserving, the number of people in the family, and how many times a week the food will be served, and the computer calculates how much she needs to preserve.

The programs displayed at Ag Progress are just a few of many that Extension agents have developed to help their clients. And although the programs were primarily designed for use by Extension personnel with clients, they can be purchased for use at home, Rodgers said.

Ag Progress visitors will find another Family Living exhibit in the Ask the Experts tent. Highly visible, colorful stage sets, a new addition this year, will draw visitors into the Expert's tent for a closer look.

"It's going to be very visually appealing," Davis notes.

The Family Strength's portion of the three-part Family Living display, will focus on "Share a Memory." A set consisting of a rocking chair, rug, and truck loaded with family treasures, will invite the weary visitor to pause at this exhibit.

"The idea behind this," York County Extension home economist Joan Lamberson explained, "is that sharing memories is one way of strengthening families." Home economists running the booth will encourage visitors to share memories by telling stories from their past. The idea, Lamberson continued is "to try to get families to think in terms of preserving family history."

Children visiting this exhibit will be invited to color a memory of Ag Progress using fabric crayons, so they can transfer the memory to a T-shirt at home. The home economists plan to give away a number of T-shirts at the end of each day.

While weary visitors will be pausing at the Family Strengths booth, hungry travelers will want to stop at the "Cooking for a Healthy Heart," exhibit for a snack of healthy Buttermilk Bran biscuits.

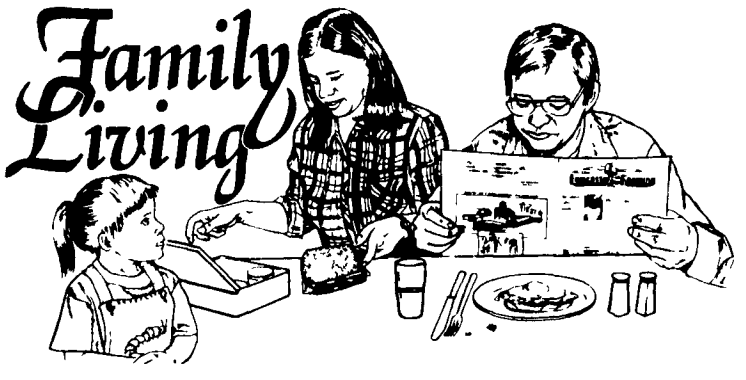
In addition to passing out low-cholesterol bran biscuits, home economists in this booth will provide suggestions for lowering cholesterol and saturated fat in the diet. "We'll lure them in with the muffins and then give them some good information," Bucks County home economist Claudia Cross joked.

Anyone interested in knowing their cholesterol intake will want to try the booth's "Cholesterol Computer." Users indicate how many times they eat certain foods each week, and the computer estimates their average cholesterol intake.

The American Heart Association advises a cholesterol intake of less than 300 milligrams per day, Cross noted.

Still another Family Living exhibit will help in the crucial area of money management. Lancaster County Extension home economist Doris Thomas explained that this booth will feature a money management quiz board and will focus on three areas, including kids and money, security in retirement years, and families after 40.

Handouts on the various topics will also be provided.



BACK HOME

By Michelle S. Rodgers

Berks Extension

Home Economist

Play Group Productions

What will you and your preschooler be doing this fall as the older brothers and sisters and neighborhood playmates hear back to school? What will you do when your preschooler doesn't want to read Mother Goose, paint on the walls, or help you match the socks? Playgroups may be the answer to your situation.

If you are aware of an established playgroup in your neighborhood, your problem may be solved with a phone call. But, if you can't find one, or the age group is inappropriate, there's no reason why you can't start one of your own.

Playgroups are simply designed play time for a group of children with adult supervision. Creative and stimulating activities are introduced to the children. Playgroups have advantages for children as well as parents. For parents it provides a free morning on a rotating basis, or a chance to get together with other parents for some needed adult interaction.

Children benefit from a playgroup experience in many different ways. The preschool years are a time of incredible physical and intellectual growth. Everyday brings new discoveries and abilities that the child has never before experienced. This is a very exciting–if traumatic time for parents and children alike. A playgroup can provide an environment that is both stimulating and intimate. Through play, children teach each other new words, social patterns and ideas much faster than any adult can pass on this knowledge. The friendships that inevitably form among the children are instrumental in teaching responsibility, tolerance and sharing. The energies that preschoolers possess can be encouraged and channeled into directions of growth within the playgroup's supportive environment.

Starting a playgroup involves recruiting other interested parents, and developing a few ground rules such as ages served, how often the group meets, how long, finances, handling emergencies and discipline issues. After the groundrules are in place, the fun begins for both parents and children. The fun of the group for adults is structuring the playgroup activities or themes. The playgroup does not have to be thematic, but it does make planning easier. Possible themes are seasons, shapes, numbers, colors, feelings-any topic that interests youngsters.

Structured playgroups follow a format. Included are group activities such as exercises, songs, fingerplays, singing and storytime. Community visits could also be included as well as unstructured time.

The objective of the playgroup is getting together. The structure and the format are up to the members. For more information on starting a playgroup in your area, plan now to attend our introductory workshop. Penn State Extension Service is sponsoring "Playgroup Productions" which is a three-hour workshop packed with guidelines to get you started and stacks of resources to use for playgroup time. This workshop will be held on Sept. 19 from 9 a.m.-noon, at the Berks County Agricultural Center. Cost is $5. Advanced registration is required and can be made by calling the Berks County Extension Service (215-378-1327).

With dedication and nurturing, playgroups may be the answer to cabin fever for you and your preschooler!

Fight stress with these suggestions

YORK — Just about everyone knows that stress can be a killer, but what can you do about it?

Running, swimming, aerobics and other fancy footwork may alleviate the trauma, but what can a hardworking man or woman do to deactivate tension when a workout just won't fit into the schedule?

Here's an answer from Extension home economist A. Joan Lamberson. "Try my series of exercises to help you cope. This system is an alternative to 'a double anything on the rocks' or to chomping fattening, non-nutritious crunchies as the stress mounts," she says.

Try one, two or the whole bunch. Health is a personal responsibility, but who says you can't make it fun?

ALIEN SEARCH: Walk to a window and study nature.Find a tree and really look at it as if it's the first natural thing you've encountered since landing on Earth. Look at the branches, the color of the trunk and how the leaves play in the breeze. Do not move from your spot for five minutes.

SWEETS FOR THE SWEET: Give a truly sincere compliment and do it with a genuine smile. Do this daily for peak results.

TAKE OFF: Close your eyes and take a mental holiday. Remember one soothing time in your life when you were absolutely free and felt fantastic. Savor that moment again.

HUP, TWO, THREE, FOUR: Go for a walk. Don't worry if you're limited to window shopping. Just do it with style and move your muscles.

DID YOU HEAR THE ONE ABOUT: Tell a joke and share some laughter.

SPECIALIZE: Do something really exquisite for yourself. A long bath, an expensive hairstyling or a special book might give you the treat you deserve.

VOLUNTEER: The spirit of helpfulness is sensational and terribly contagious. It's practically impossible to ignore that love when you're surrounded by "givers."

SEAS SHELL AND SALAMANDERS: Start or rekindle a hobby–do it with flair and really learn about your subject.

CONVERSE: Talk to a friend No friend nearby? Seek professional help if your problems seem too hot to handle.

A TURN OF THE LIPS: Smile. It'll drive your adversaries wild and make you feel so much more positive.

FARMER JANE OR JIM: Buy a plant but make sure it needs immediate repotting, nurturing and tons of attention. African violets are notorious for demanding TLC. If you're away from home a lot, try a cactus.

GET OUT: Take a vacation–even if you can only get away for one hour. The trick is to plan it, pack for it and partake with

(Turn to Page B15)

Fight Stress

(Continued from Page B14)

pleasure. Forget your responsibilities and have some fun.

THE JOKE'S ON THE SCREEN: See a funny movie. Sure it may not "make a statement," but laughter is a proven antidepressant.

SAY NO: It's hard–especially sometimes, but saying "no" when you don't or can't assist will make you feel better–really!

ROUND AND ROUND YOU GO: Feeling stiff? Circle your head, neck, arms, fingers, body, legs and toes. Circulate that blood, too.

SAY YES: Receive an invitation to do something out of the ordinary? Don't hold back–say yes.

WALKING ON AIR: Buy a pair of athletic shoes and begin a walking program you can live with. Start slowly and hike your way to the summits of health.

BIG BLOW OUT: Take 10 deep breaths, but exhale all the oxygen in your lungs first. This is especially relaxing if you're all knotted up when you crawl into bed at night.

STROKE IT: Give your pet some love and attention. Talking, caressing and stroking an animal has been scientifically proven to reduce tension, lower blood pressure and revitalize the saggiest spirit.

SUNRAY SANITY: Soak up some sunlight. Don't overdo those rays, but enjoy the warmth. No sunshine today? Wear brightly colored clothes and go out anyway.

PATE DE FOIS GRAS ANYONE?: No–you don't have to sample goose liver pate–just try one new-to-you food.

THANKS A HEAP: Write a thank you note–if just to say, "Thanks for being there."

SHEER BLISS: Who cares if it's only 11 a.m.? Lie down and close your eyed for 15 minutes.

CRISP AND CLEAN: Do one household chore you really despise. You'll feel absolutely virtuous when you finish.

SURPRISE: Have one perfect red rose sent to you at your office or your home. It's sure to drive your co-workiers and neighbors crazy. You can merely smile then and admit, "It's from a friend." That's right–aren't you your best friend?

Jenny Otto to represent Baltimore County in Farm Queen contest

GLEN ARM, Md. – Jenny Lynn Otto of Glen Arm has been selected 1985-86 Baltimore County Farm Queen. In a contest sponsored by the Baltimore Country Farm Bureau, held during the Baltimore County 4-H Fair in July, Jenny was chosen to succeed the 1984 farm queen Julie Hoffman of Catonsville.

Jenny is the 17-year-old daughter of Helen and Kenneth Kadlec, and the grandaughter of Burton S. Twining of Glen Arm. She lives with her family on the edge of The Twining Brothers 270-acre sweet corn and dairy farm.

She has been an active 4-H member for eight years, serving as a junior leader of the Greenwood 4-H Club. She was recently selected as the state winner in the 4-H public speaking project, and will attend the National 4-H Club Congress in Chicago in November.

During her 4-H membership she has participated in county, district, and state public speaking contests every year She has presented talks and demonstrations to many community groups and various school and church groups. Last year she was Maryland's representative in the National 4-H Egg Demonstration Contest in Louisville, Ky., where she placed third.

Raising dairy goats is another one of her main 4-H projects. She has shown her goats in 29 dairy goat shows around the state, and has taken them to elementary schools, church camps, shopping malls, and McDonald's Kids Day.

Jenny Otto, 17, of Glen Arm, Md., was recently selected Baltimore County Farm Queen and will represent the county at the state contest held Aug. 25.

She will be a senior at Perry Hall High School this fall. where she is president of the band, and a drum major in the schools' 270 member marching band. She is also a member of The National Honor Society and morning announcements team.

At Waugh United Methodist Church she plays in the handbell choir and plays flute and piano for special music.

Her future plans include attending a four-year college to major in communications and broadcasting.

Jenny will compete with farm queens from the other Maryland counties on Aug. 25 at the Maryland State Fairgrounds for the title of Maryland Farm Queen. During the year, she will be available to speak before community groups to represent the agricultural industry.

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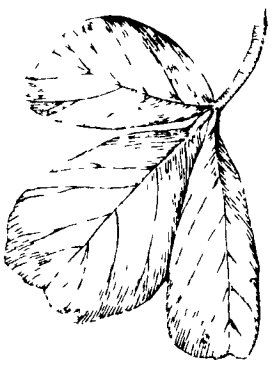

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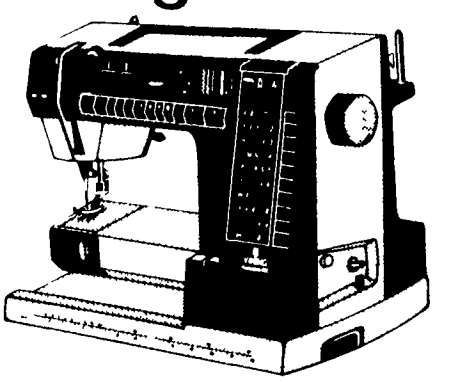

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Air Pistol 4-H project makes debut in Lancaster County

BY SUZANNE KEENE

RAWLINSVILLE — With a sure grip, she holds the pistol at arms length, gazes down the smooth barrel and aims.

A steady shower of rain pattering on the barn roof fails to disrupt her concentration as she gently squeezes the trigger. Pting!

The marksman pauses for a moment to complete her follow through, then brings the pistol down to reload.

The young woman behind the gun is Stacey Goss, one of five Lancaster County 4-H'ers who have selected the air pistol project this year. Stacey and fellow Penn Willow 4-H Club members Sherry Goss, Karen and Jimmy Heistand and Eric Rotenberry practiced their marksmanship during a recent meeting at the home of project leaders David and Linda Pyle, Holtwood.

The air pistol project is new to Lancaster County and much of the state this year, David Pyle explains, while his wife and co-leader, Linda, gives commands to the marksmen.

The 4-H'ers, who range in age from nine to 18, say they joined for something new — and because they enjoy shooting.

"It was something new. I had shot rifle and shotgun before," Sherry Goss noted.

"It seemed interesting and challenging," Sherry's sister, Stacey, added.

Eric said he joined "because I was interested in guns in general and I thought I'd try it out," while Jimmy, the youngest member of the group at age 9, noted, "I'm good at shooting."

Karen echoed their interest in a new activity. "I like to shoot and it was something different," she said.

From the seriousness and enthusiasm they display for their sport, it is obvious they are pleased with their choice of projects. No laughter, jokes or horseplay interupt the 4-H'ers as they shoot their model 717 Daisy air pistols.

The leaders stress safety above all else and the 4-H'ers know that carelessness will mean an end to their practice, and could result in a serious accident. The safety measures they learn here can be applied to any shooting sport, Linda notes.

While three of the members shoot, the other two act as coaches, offering constructive criticism to the marksmen. And although the criticism could easily get out of hand among less serious competitors, suggestions are always made and received with good intentions.

The 4-H marksmen practice twice a week at the Pyle's home near Rawlinsville. Usually the group practices outdoors on a range that is 10 meters or 33 feet in length, but when it rains, they move indoors to the Pyle's barn. "It can be held indoors very easily," David said.

The tiny pellets used in the air pistols have a range of 218 yards and can penetrate the skin. To avoid accidents, the 4-H'ers wear safety glasses during practice, and always obey the instructor's commands.

Members are required to know the parts of the pistol, nomenclature and rules of the range, before they shoot. The pellets are never aimed at anything other than a target. "It's simply done for sport," Linda emphasized.

Usually the marksmen take aim at paper targets, but occasionally, they practice with metal animal-shaped targets called silhouettes. The 4-H'ers take special pleasure in knocking down one of the critters, which range in height from one to three inches.

The Pyles encourage each member to do his best, but don't stress winning. Instead, they ask each individual to concentrate on improving and to take satisfaction in bettering themselves.

"We really stress that it's trying to become accurate and precise," David said. "Just try to be the best you can," he tells them.

The 4-H'ers are encouraged to try to get a number of shots in a group, indicating consistency.

(Turn to Page B19)

Lancaster County 4-H'ers taking the air pistol project prepare to shoot a round at a recent meeting. From left are Sherry Goss, Karen and Jimmy Heistand, Stacey Goss, and Eric Rotenberry.

Club leaders David and Linda Pyle examine a target to check on the 4-H'er's accuracy.

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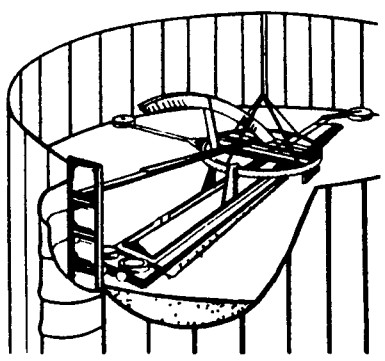

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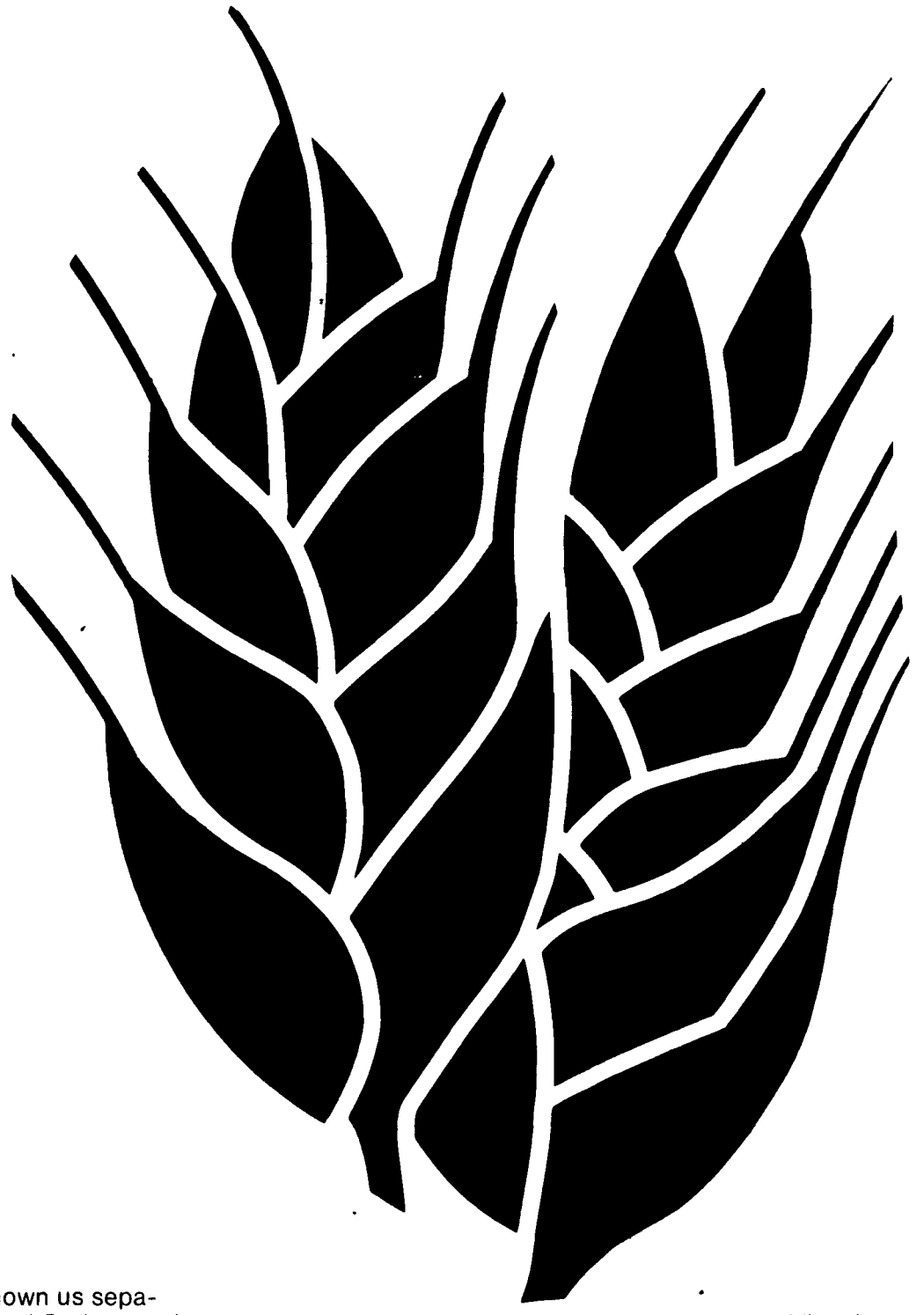

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Mary Anne McTighe, Jeanette (right), and friend Desi Smith, Ligonier, presented a demonstration on handling dogs at Achievement Days. The girls entered "Ryan" as a team.

Some of the young women who participated in this year's Fashion Revue at Achievement Days are from left Karen Daum, Centre County, Janice McCurdy, Centre County, Jennifer Gresh, Centre County, and Karen Marteeny, Somerset County.

Pennsylvania 4-H'ers earn recognition at Achievement Days

BY SALLY DUNMIRE
Staff Correspondent

UNIVERSITY PARK — Four-H'ers from across the Commonwealth converged on the Pennsylvania University's main campus for the 1985 State 4-H Achievement Days, Aug. 5 to 7.

"This is one of the three major state events that include Capitol Days, Leadership Conference and Achievement Days," said Dr. Carroll Howes, associate state 4-H leader and chairman of this annual event. "Achievement Days give the youngsters a chance to compete against each other as teams and as individuals."

This year a total of 1,551 people, including 4-H'ers, volunteer adult leaders and extension staff, signed up for the program.

Howes stressed that all 4-H'ers in a club should be trained for competition. "You don't pick out four people and train only them for competition. I want to see the entire club trained and then the best four chosen for competition," he said.

State 4-H leader Dr. Al Snider noted: "We want it (Achievement Days) to reinforce and promote the county level program where it really goes on, where the kids and volunteers are.

"We need to balance the winning end with the human component — the children and how they develop," he added. "I would like us to keep the focus on the kids, not the animals or vegetables."

By participating in 4-H competition, the young people learn skills they will be able to use throughout their lives. Some will use their 4-H experience as a launching pad for their careers, while all learn about poise and public speaking and have the opportunity to meet new people and see new places.

In keeping with these goals, the three-day event was targeted at giving participants an opportunity to demonstrate their knowledge and skills in a wide variety of subjects, receive recognition for their hard work, meet fellow Pennsylvania 4-H'ers and explore new friendships and ideas. While on campus, the 4-H'ers also had a chance to learn about Penn State University and the educational opportunities available there.

In competition, the first place team or individuals will go on to represent the state at regional competitions scattered throughout the country. If the team or individual wins there, they will go on to national competition. Ribbons, trophies, prize money in some cases, national recognition and prestige go to those lucky top winners.

One of the hardest working groups of 4-H'ers at Achievement Days are the fashion revue participants. These girls have the most intensive training and busiest schedule during the three days in order to prepare a professional looking fashion show.

Ten semi-finalists are chosen at fashion revue. From the ten, a new set of judges selects a first place winner who will go on to further competition based on the record books.

In between the competitions, the 4-H'ers can participate in recreational activities which include swimming, dancing, ice skating, and movies.

Below are the top teams and individuals in the Achievement Days competition.

STATE 4-H ACHIEVEMENT DAYS RESULTS
TEAMS

Air Pistol Columbia County Bill Whitmoyer Doug Fritz Robby Karshner Randy Karshner
Archery - Fayette County Joe Albert Mike Whiteacre Paula Burgess
Automotive-Jr - No team competition
Automotive-Sr No team competition
Clothing and Textiles - Lawrence County Lori Daytner Shawn Hart Tammy Kent
Consumerama - Lebanon County Joan Bashore Brigetta Bergman Damian Shiner Andrea Smith
Consumer Education Presentation Somerset County David Antram Shawn Weaver
Dairy Lancaster County Joe DeLong Tom Arrowsmith Don Welk Bob Barley
Dairy Bowl Berks County Naomi Herbert Sandy Moser Charles Seidel Doris Stump
Flowers - Lebanon County Ann Grumbine Rebecca Baum Regina Roof Becky Smith
Foodarama - Indiana County Chris Fincke Chris Kunkle Misse Mallino Julie McMillen
Horse - Chester County Tracey Burnett Heather Hindle Aimee Voss Stephanie Weis
Horse Bowl - Erie County Melissa Balter Dana Fletcher Seth Orczeck Gerry Trichel
Livestock Jr - York County John Eaton Kerri Kohr JoAnn Rishel Jim Townsend
Livestock Sr Berks County Kirk Fisher Mark Price Kenianne Rarick Greg Stricker
Meats Lancaster County Margaret Herr Greg Musser Jeff Craig Jay Reiff
Orienteering - No team competition
Physical Fitness Indiana County Shelly Novak Tim McGuire Sharon Brickell Scott McGuire
Poultry Adams County Andrew Long Noel King David Smith Pam Hawn
Rifle Bradford County Jon Fleming Leah Guffey Mark Urevich James Eastman
Vegetable Lehigh County Lee Ringer Duane Wanamaker Joshua Grim Tim Hoch

HIGH INDIVIDUALS

Air Pistol Matt Satterly Tioga County

(Turn to Page B19)

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State Grange names youth ambassadors

HARRISBURG — Chris Brackman of Canton, Bradford County, and Ellen Huber of West Chester, Chester County, have been named 1985-86 State Grange Youth Ambassadors by the Pennsylvania Grange Youth Department.

Brackman and Huber were chosen to represent the State Grange Youth through a selection process that included a test of their knowledge of Grange history and ritual, leadership ability, and an impromptu public speech. The two will become eligible to compete for the title of National Youth Ambassador at the 1986 National Grange Convention.

Brackman, the son of Nancy and Paul Brackman of R1 Canton, is a senior at the Canton Area High School, where he participates in football and wrestling. He is a member and officer of the Canton FFA Chapter and a member of the East Canton 4-H Dairy Club and the Bradford County 4-H Council. A member of the Windfall Grange for five years he has held the office of gatekeeper. He helps out on the family's 500-acre dairy farm.

Huber is a three-time finalist in the youth ambassador contest. The daughter of Betsy and Henry Huber, she is currently enrolled as a freshman at West Chester University. She was an honor student throughout her high school years at East High School, West Chester, and earned several awards for outstanding academic achievement. She is listed among "Who's Who" honor students of America directory and also participated in many extracurricular activities.

A member of the Grange for 15 years, Huber has held various offices at the local and county levels, including youth chairman. In 1983, she won the State Grange Sign-a-Song contest and she is a past second and third place winner in the State Grange Sewing Contest.

Huber and Brackman will serve as youth representatives for one year ending July, 1986.

Troy Fair Home Arts Contest

TOWANDA — Beautiful! Unique! Exquisite! These comments were made by people as they viewed the 1985 Home Arts Exhibits at the Troy Fair.

The Home Arts Contest, in its second year, boasted more than 365 entries. Bradford Countians displayed their talents in quality hand created clothing, pillows, quilts, afghans, loom woven coverlets, rugs, wall hangings, wood craft, refinished furniture, dolls and Christmas articles. Canned goods, a new department in 1985, were also displayed.

The exhibitors won a total of over $1,000 in premiums. One hundred and five first prize blue ribbons were awarded.

Receiving Best of Show awards were Jean Goodwin of Troy for her hand quilted Dresden plate bed sized quilt and Eunice Nichols of E. Smithfield for her caned chair. Marilyn Packard of Mt. Pisgah won three Best of Show Awards for her child's sweat suit, quilted pillow, and doll cradle.

Volunteers gave much time and effort to help set up, man and check exhibits in and out, and clean the building.

Air Pistol project

(Continued from Page B16)

From there, David explained, it's easier to concentrate on moving the group into the center of the target.

The club got its start when the Pyles attended a three-day training session in Union County for instructors and county coordinators. Linda took the instructor's training there, but David did not. She is the one who does the actual instructing, while David lends a helping hand. David is also Lancaster County coordinator for the air pistol project.

During that three-day session, Linda took and passed the National Rifle Association's certified instructor's test, a nine-page written exam.

Linda's interest in shooting sports was piqued when she took a course at the Lancaster Rec Center to learn how to shoot pistols. She signed up for the course because both David, and her son Eric, were interested in guns.

"I decided I should learn to load and use one," she says.

Now, Linda is concentrating her efforts on helping this small group of 4-H'ers learn to safely enjoy the sport of air pistol. Next year Linda and David are looking forward to a busier year with more clubs offering the air pistol project.

Achievement Days

(Continued from Page B18)

Archery - Tom Itle York County
Automotive-Jr - Mike Otto Adams County
Automotive-Sr Charles Pellow Venango County
Clothing and Textiles Julie Cass Erie County
Consumerama No individual competition
Dairy - Joe DeLong Lancaster County
Dairy Bowl No individual competition
Flowers Susan Werkheiser Northampton Co
Foodarama Julie McMillen Indiana County
Horse - Heather Mills Mercer County
Horse Bowl No individual competition
Livestock-Jr Tiffany Rohrer Chester County
Livestock-Sr Kenianne Rarick Berks County
Meats - Kristine Miller York County
Orienteering 3 way tie Mike Swope Cambria County Marty Reichard Franklin County Rusty Russell Huntingdon County
Physical Fitness - Anita Leiden Cambria Co Sr Girl Shelly Novak Indiana Co Jr Girl Joe Druck York Co Sr Boy Jason Horner Dauphin Co Jr Boy
Poultry - Chris Shaffer York County
Riflery Bob Isenberg Huntingdon County
Vegetable Duane Wanamaker Lehigh County

DEMONSTRATION RESULTS

Animal Science Janet Ludwig Adams County Dana Heine Cumberland County Lori Winsheimer Indiana County Asha Mehta York County
Clothing and Textiles Larissa Bowman Somerset County
Engineering Mike Reiner Northumberland County
Foods and Nutrition Wendy LaMont Bradford County
General Deb Bentrem Lancaster County Matthew Will Somerset County
Home and Family Management Amy Rodgers and Jeannie Smith Adams County
Plant Science Dawn Hawryluk Lebanon County
Public Speaking Deb Martin Lancaster County

OTHER EVENTS

Fashion Revue Christine McDonald Franklin County Cindy Harnish Lancaster County Judy Park Montgomery County Laura Powell Lackawanna County Kathy Vieregge Somerset County Karen Marteeny Somerset County Debbie Ott Westmoreland County Amy Osso Greene County Anita Mahoney Fayette County Janeen Beck Forest County
Photography - Madonna Becerra Pike County

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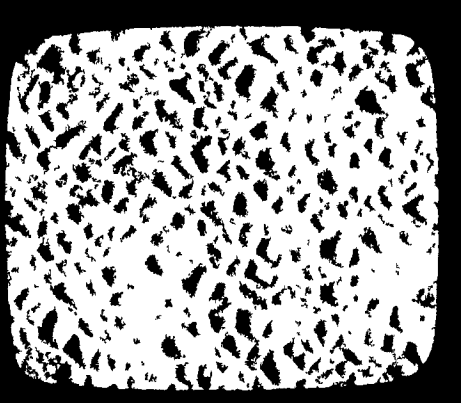

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Deborah Block crowned Delaware dairy princess

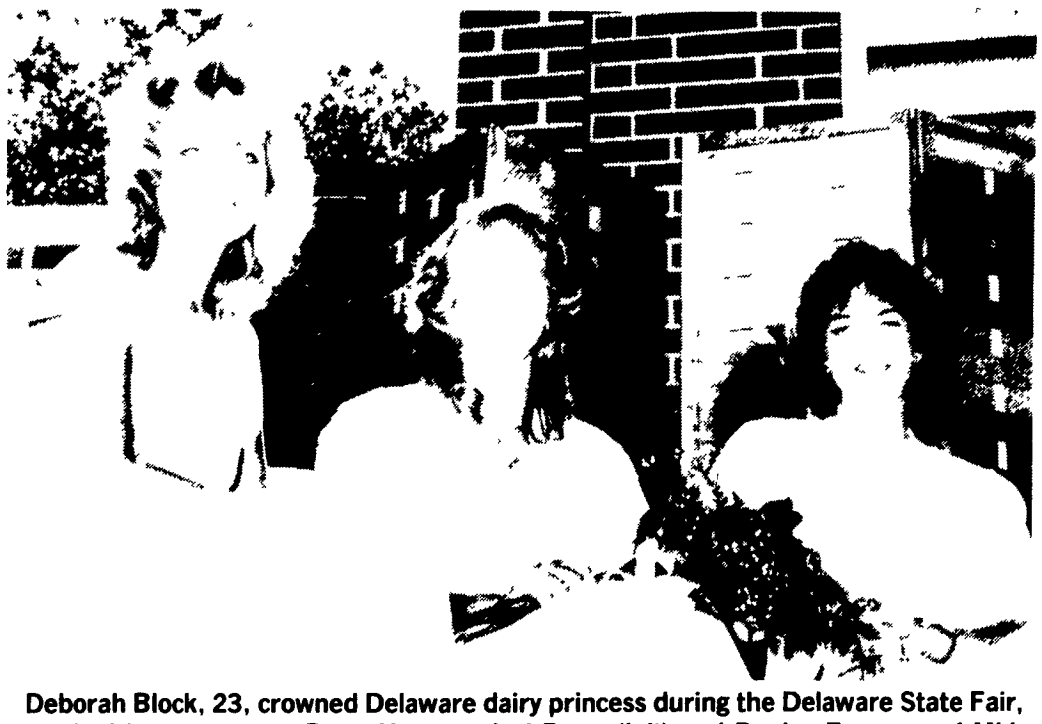
NEWARK, Del. – Deborah Block, Newark, has been selected Delaware dairy princess for 1985-86.

Block, 24, graduated from the University of Delaware in 1985 with a bachelor's degree in animal science. Currently working as calf manager at Wilkinson's Dairy Farm in Landenburg, Pa., she hopes in the future to work directly with dairy farmers through extension or promotional activities.

Before attending the university, she groomed dogs and horses, and worked in a pet shop. This led her to major in animal science. Her decision to specialize in dairy farming came as a result of a job in the university dairy while she was a student.

The new princess was crowned by the 1984 dairy princess Susan Blendt, Townsend, during a recent ceremony at the Delaware State Fair. During the coming year Block will make personal appearances on behalf of the dairy industry, informing school children and consumers about the nutritional merits of milk and other dairy products. She is also eager to help draw attention to the contributions of dairy farmers to America's food supply. Her schedule will include many regional and national dairy events.

The Delaware dairy princess contest was initiated in 1969 by local industry members for the purpose of promoting milk and milk products.



Deborah Block, 23, crowned Delaware dairy princess during the Delaware State Fair, is flanked by runners-up Patty Hammond of Bear, (left) and Denise Emerson of Middletown, (right).

Winners named in South Central FFA dairy show

SHIPPENSBURG – The 1985 South Central District FFA Dairy Show was held recently at the Shippensburg Fairgrounds. The type judge for the show was Samuel Yoder of Shoemakersville, PA.

Fitting and showmanship judge was Sharon Cornman of Carlisle. Seventy-five animals were exhibited from Adams, Cumberland, Franklin, Perry and York counties.

The junior champion of the Jersey breed was Mar-De Bossman, a junior calf shown by Marlin Deaven of the Chambersburg FFA, Franklin County and the reserve junior champion was Ro-Meyer Top Brass Hopeful, a junior yearling exhibited by Steven Meyers of the Conococheague FFA, Franklin County.

The senior champion and grand champion Jersey was junior two-year-old Noble Blonde Coby shown by Marlin Deaven, and the reserve senior and reserve grand champion Jersey was three-year-old Javelin Cowdale Lottie shown by Edward Fahrney of the Blue Ridge FFA, Franklin County.

The senior champion and grand champion of the Holstein breed was Weim-Sharr-MC Roro Denise-ET, a three-year-old shown by Jennifer Weimer of the Conewago Chapter in Adams County, and the reserve senior and reserve grand champion was three-year-old Meadow-Vu Very Frosty, shown by Steven Meyers of the Conococheague FFA, Franklin County.

An intermediate calf, Wen-Lee Starmate Elsie shown by Shawn Hensel of Shippensburg FFA, Cumberland County, was selected as the junior champion Holstein and a senior calf, Hochstead Whiplash Jess shown by Tedd Hoch also of the Shippensburg FFA Chapter, was selected the reserve junior champion.

The Ayrshire breed senior and grand champion shown by Thomas Parks of the Kennard Dale FFA, York County, was eight-year-old cow Maple Dell J.C. Jazz. The junior champion and reserve grand champion was junior yearling Cool-Branch Liberator Julia, also shown by Thomas Parks.

The Brown Swiss senior and grand champion was senior two-year-old Airville Pat shown by Kelly Kilgore of Red Lion Area Chapter, York County. The reserve senior champion, three-year-old J.T.A. Princess Penny, was shown by James Anderson of Kennard Dale FFA, York County. The junior champion and reserve grand champion was senior calf Airville Jane shown by Kelly Kilgore, and the reserve junior champion was JTA Continuation Delight, a junior yearling shown by James Anderson.

In the Bred and Owned classes, Marlin Deaven of Chambersburg FFA, Franklin County, received top honors in the Jersey breed with his junior calf Mar-De Bossman. Josephine Hess of Conewago FFA, Adams County was first with her three-year-old Holstein, Jobo Proud Brett Erica, and Ayrshire breed honors went to junior yearling Cool-Branch Liberator Julia, shown by Thomas Parks of the Kennard Dale FFA, York County.

Adams County won the County Good Housekeeping award and the Bermudian Springs Chapter of Adams County received the Inidividual Chapter Good Housekeeping plaque.

Champion fitter honors went to Shawn Hensel of the Shippensburg FFA, Cumberland County, and champion showman went to Kimberly Kriebel of West Perry FFA, Perry County. The champion fitter received a show halter and the showman received a show blanket. Both were presented by Don Crouse of Pioneer Hi-Bred International, Inc.

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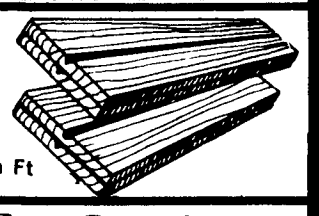

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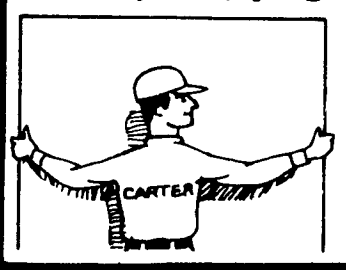

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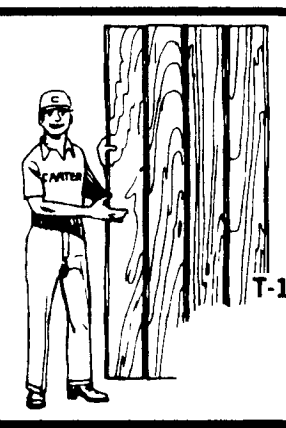

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CARTER 1985

FAIR DAYS

Kreider hog tops Lebanon Fair 4-H Livestock Sale

BY DONNA McCONAUGHEY
Staff Correspondent

LEBANON — Two records were broken at the 1985 Lebanon Area Fair 4-H and FFA Steer, Lamb and Hog Sale. Both new records were set in the steer sale.

The grand champion steer sold for $1.65 a pound to Horn and Horn Restaurant of Lebanon. The 1166-pound steer was shown by Jeffrey Bomgardner of Annville.

Kelly Heisey of Lebanon exhibited the reserve champion steer which sold for $1.15 a pound to Dutchway Farm Market of Myerstown.

The average on ten steers was $.92 a pound.

The grand champion market hog brought the highest price per pound for this year's sale. It sold for $7.50 to People's National Bank of Lebanon. The 242 blue-back was exhibited by Brian Kreider of Lebanon.

The Reserve champion hog was shown by first year member Michael Kleinfelter of Myerstown. Hatfield Packing bought this prize winner for $4 a pound.

The hog sale included 143 head selling for an average of $1.07 a pound.

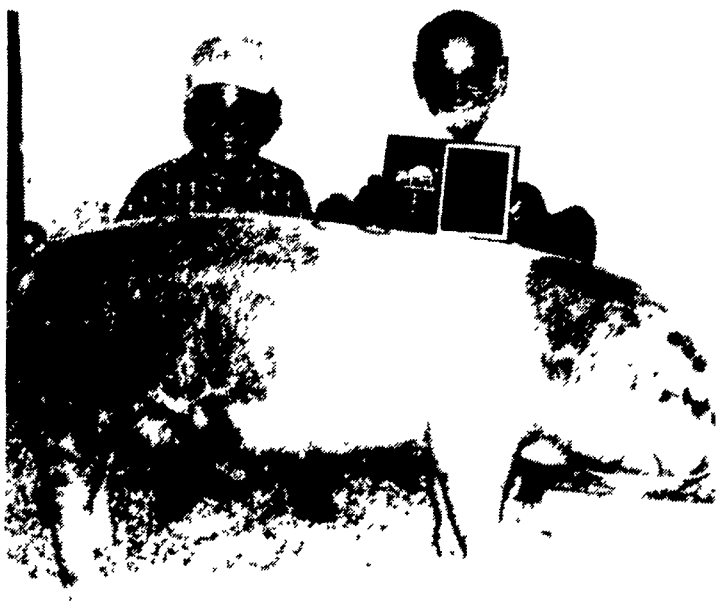
The lamb sale featured two brothers in the top spot. Daryl Grumbine of Myerstown exhibited the champion market lamb which was purchased by Lebanon Valley National Bank for $4.70 a pound.

The reserve champion market lamb was shown by Darren Grumbine. Sheridan Supply purchased this lamb for $2.50 a pound.

Darren and Daryl are the sons of Mr. and Mrs. Dennis Grumbine of Myerstown. The boys were especially proud of this year's winnings, as both lambs were home-bred from their breeding projects.

(Turn to Page B23)

Steve Lynn of Horn and Horn Restaurant, Lebanon, went home with Jeff Bomgardner's grand champion steer after paying a record-breaking $1.65 a pound.



Joseph Kreider of People's National Bank paid the 4-H Livestock Sale's top price for $7.50 per pound for Brian Kreider's grand champion market hog.

Poultry exhibits return to York Fair

YORK — The poultry exhibits are returning this year to the York Interstate Fair after a one-year absence caused by the avian flu epidemic, according to John Smith, livestock and poultry manager for the fair.

Although York County flocks were not among the hardest hit by the 1984 outbreak, the threat of the spread of the highly contagious disease was enough to prevent the fair from including poultry in its annual competition last year.

The poultry group includes chickens, turkeys, geese, ducks, pheasants, pigeons, rabbits and cavies. Eggs are also entered in the poultry division.

All entries must be registered for exhibition by Aug. 31. Registered poultry entries will be received on Saturday, Sept. 7 from 8 a.m. to 5 p.m., and on Sunday, Sept. 8 from 8 a.m. until noon at the Poultry Building.

The York Fair runs Sept. 6-14.

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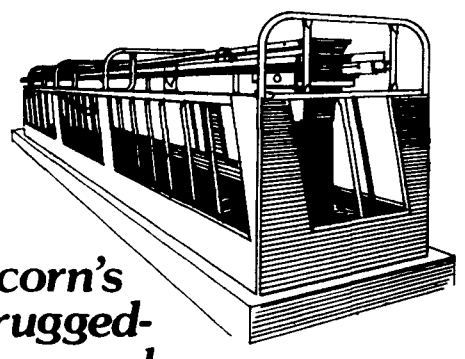

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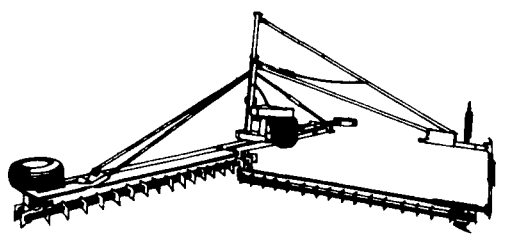

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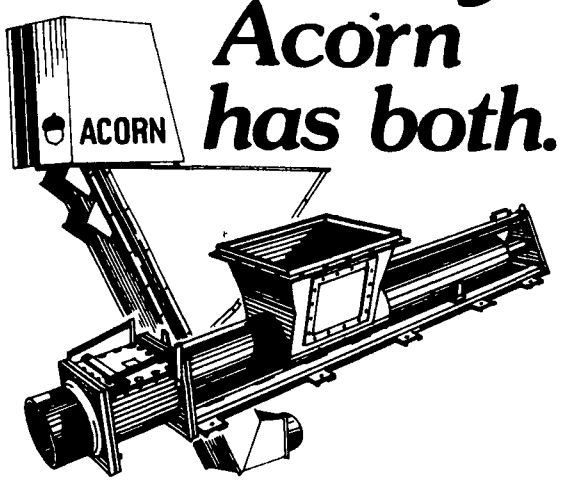

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Kreider hog

(Continued from Page B22)

The 1985 sale of 24 lambs averaged $1.33 a pound.

The sale grossed over $49,000, which, along with the averages, was very good for the large number of animals sold and the lower market prices currently seen.

Other prize winners in the Lebanon Fair livestock shows included:

SWINE

Champion Lightweight–Darren Grumbine, Myerstown.

Champion Mediumweight–Jennifer Arnold, Womelsdorf.

Reserve Champion Lightweight-Daryl Grumbine, Myerstown.

Reserve Champion Mediumweight--Michelle Weaber, Lebanon.

Reserve Champion Medium Heavyweight--John Risser, Lebanon.

Reserve Champion Heavyweight--Amy Weaber, Lebanon.

LAMBS

Champion Lightweight-Matthew Hetrick.

Reserve Champion Lightweight--Krista Hetrick.

Reserve Champion Mediumweight–Jed Custer, Jonestown.

Reserve Champion Heavyweight–Melanie Bow.

Lebanon Valley National Bank bought Daryl Grumbine's champion lamb. Representing LVNB are (left) Larry Groff, Bob Donaldson and Mike Firestine.

Deer Creek Fiddlers Convention scheduled Aug. 18

BALTIMORE, Md. – The 37th Deer Creek Fiddlers Convention will be held on Sunday, Aug. 18 at the Carroll County Farm Museum in Westminster, Maryland. Musicians register in advance by mail, or before 10:45 Sunday morning. The preliminaries begin at 11 a.m. and continue until about 6:30 p.m. This is a music competition for bluegrass and old–time bands and individuals.

At 7:30 the finals begin. Mandolins, fiddles, vocalists, banjos, guitars, dulcimers, whistles and basses, all compete for over $3,000 in cash prizes. The winners in these categories are the best this side of the Grand Ole Oprey.

There is also a array of arts, crafts and country foods available at the Farm Museum for the show on the 18th. The Museum is also open for tours with guides in costume. The farm house and barns specialize in pre-1800 antiques. In addition, the live farm animals make a big hit with the children.

Admission is $5 per person. Children under 18 will be admitted free when accompanied by their parents.

The Carroll County Farm Museum is located south of Westminster on Center Street.

Kennard-Dale FFA earns dairy show honors

FAWN GROVE, Pa. – Kennard-Dale FFA members returned from the South-Central District FFA Dairy Show held at the Shippensburg Fairground Aug. 1 and 2, with 11 ribbons and seven champions.

Tom Parks brought home the Ayrshire grand champion and reserve grand champion trophies. Tom also won the Ayrshire owner-breeder championship, two blue ribbons and the junior and senior championships. The blue ribbons qualify Tom to show at the Pennsylvania Junior Dairy Show, Sept. 23 at the Farm Show Arena in Harrisburg.

James Anderson, Jr., won a blue and a red ribbon with his Brown Swiss entries. He had the reserve junior champion and reserve senior champion and was part of the blue-ribbon York County group of Brown Swiss cattle. Jim also qualified for the Junior Dairy Show.

Suzanne Hash and Paul Stewart won blue ribbons with their Holstein entries and were part of the York County group which won a red ribbon. Suzanne and Paul both qualified for the State Show.

Brian DeVoe and Carrie Wolfe won red ribbons and Randy Cross, a white ribbon with their Holsteins There were 90 animals entered in this district show which qualifies blue ribbon animals for the state show in September

New Gehl 1260 and 1060 forage harvesters with exclusive Auto-Max system

AUTOMATIC load management. MAXIMUM capacity design.

Gehl forage harvesters have been at the leading edge of engineering design for years With innovations that speed material flow and reduce downtime for top capacity harvesting Now with Gehl's exclusive Auto-Max system the new 1260 and 1060 forage harvesters are truly state of the-art

The Auto-Max system features automatic load sensors—one on the upper feedroll and one on the attachment drive—that eliminate the need for shear pins and let you manage overloads without leaving your tractor By operating automatic electric controls, you can smooth out an overload and start it feeding again, in just seconds. Without fear of prolonged downtime due to overloading, you can operate your harvester and tractor at near their top capacity. Results: 15 to 20 percent more capacity . . . valuable time saved!

Just as the load sensing system protects the harvester from overloads a new speed monitoring system protects the unit from plugging the blower and deflector because of drops in tractor rpm

The Auto-Max system is standard on the 1260 optional on the 1060 Both machines can be equipped with a **Metal-Stop metal detector** to protect against ferrous metal entering the harvester And a 30-gallon water tank can be added to prevent the problem of haylage gumming

Standard features on the 1260 and 1060 are impressive. For example, Gehl's exclusive patented spinner delivery system keeps material on the move all the time. No dead spots. No cross augers. Just continuous flow of material from the cylinder into the offset blower.

An overrunning clutch on the drive line eliminates the stopping load on the tractor pto brake and allows the harvester to free-wheel when power is cut A simple in-head hydraulic knife sharpener allows the cylinder knives to be sharpened quickly right in the field using tractor hydraulics The cutterbar can be pulled out and finely refaced using the same system And a patented single-station cutterbar adjustment system allows you to reset the cutterbar from just one point on the harvester

There's more—lots more But why not see for yourself? Ask your Gehl dealer to demonstrate one of the new 60 Series the 1260, for tractors up to 300 hp, the 1060, for tractors up to 200 hp; or the economy 760, for tractors up to 150 hp. And move into a world of worry-free harvesting! Gehl Company, West Bend, WI 53095.

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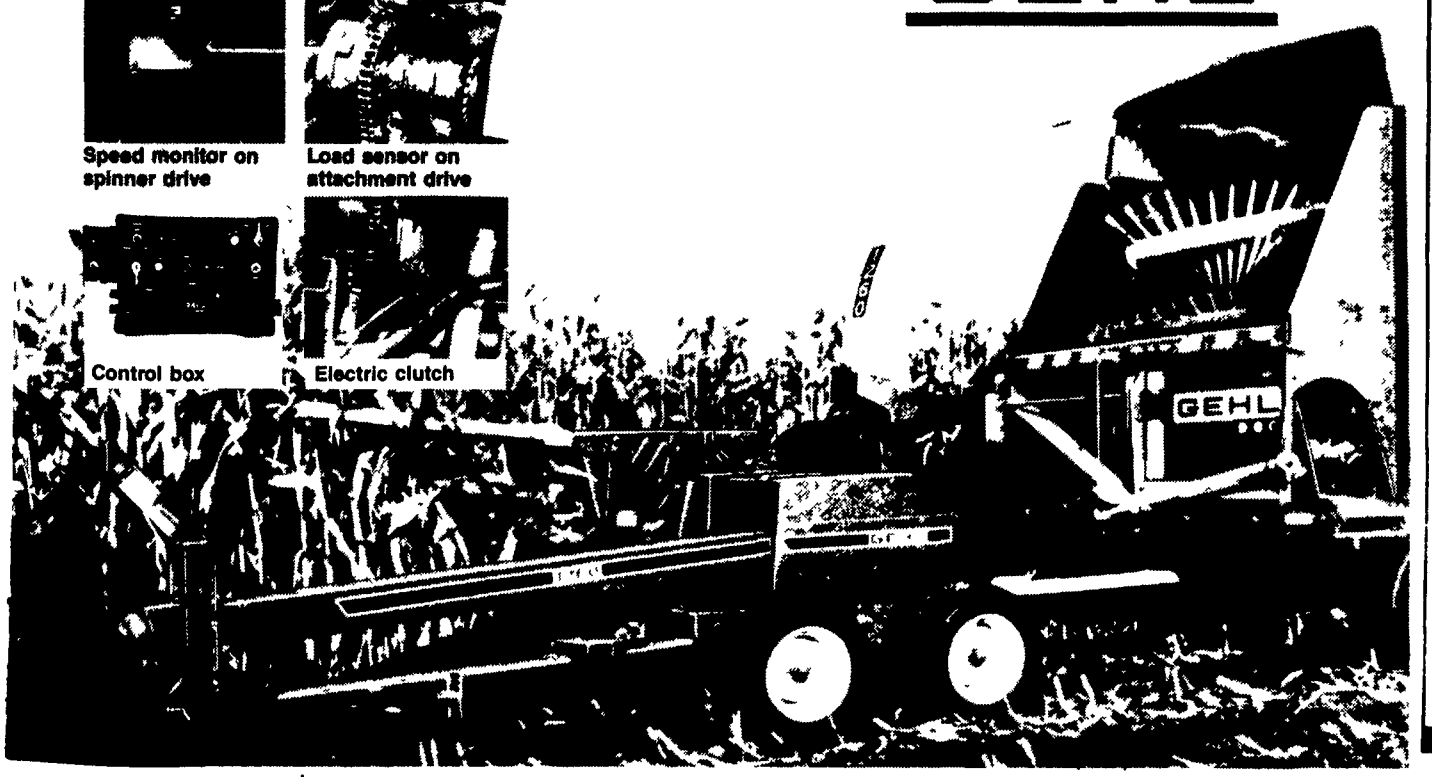

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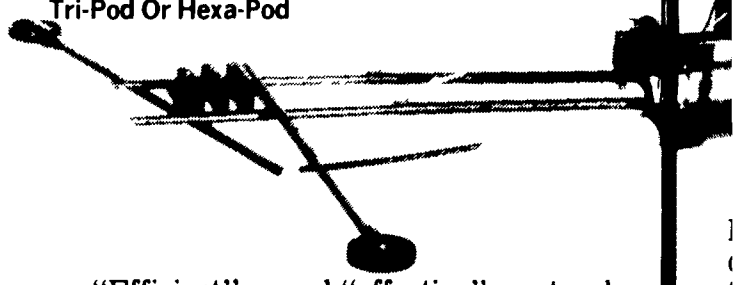

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- Positive drive in loose and frozen material
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- The silo can be filled to the top, increasing silo capacity by several tons
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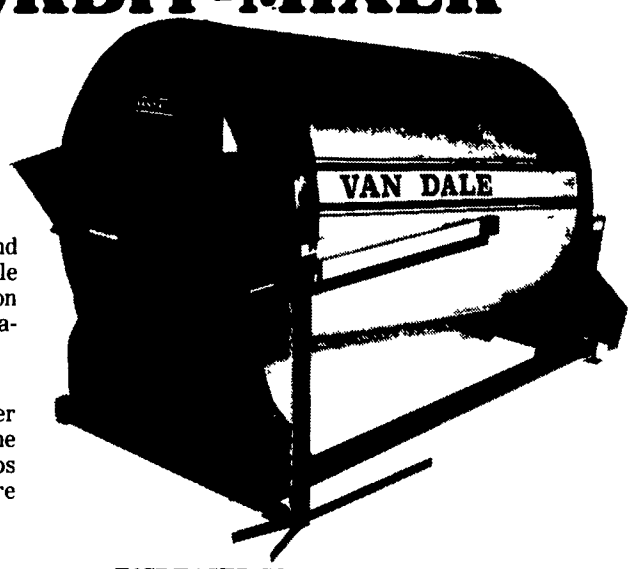

- **INCREASED DEPENDABILITY:** The main auger bearing is now located at the end of the auger, out of the way of mixing feed while providing more support. Cleaner operation means longer bearing life; unobstructed operation means smoother feed mixing.
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- **INCREASED CONVENIENCE and SAFETY:** Operator safety is a part of every Van Dale machine — and the Orbit-Mixer is no different. Twin hopper lids are manufactured into every Orbit-Mixer. For single augers or most other jobs, only one lid needs to be opened.

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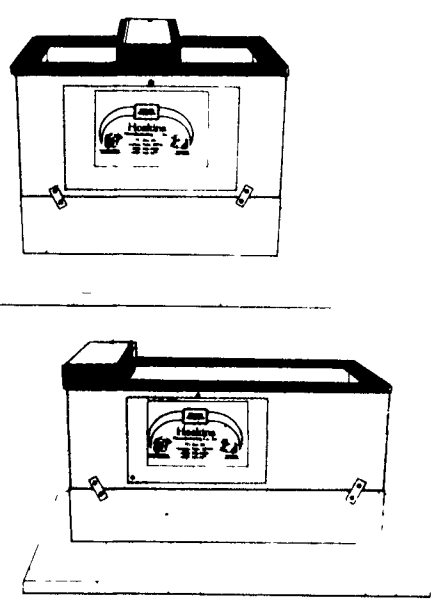
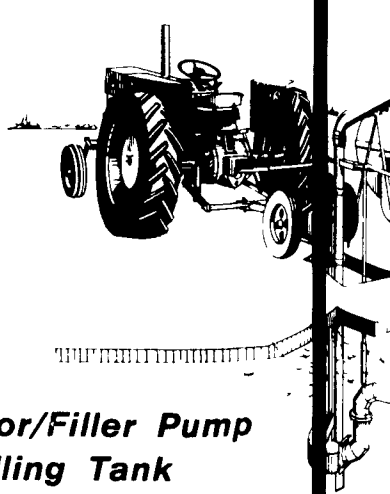


THE WASTE MANAGEMENT LINE



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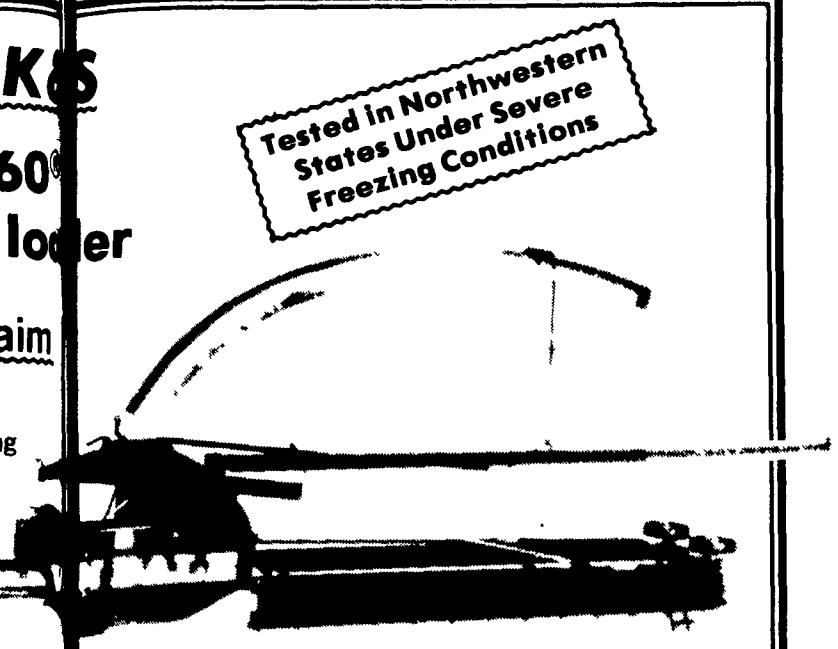

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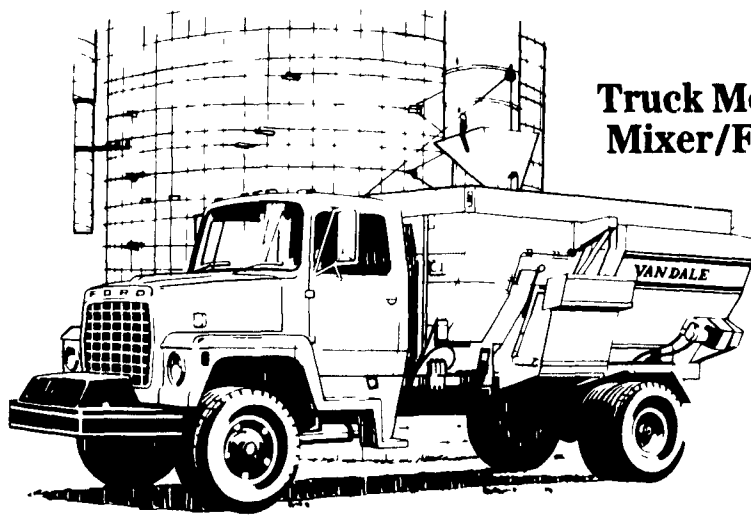

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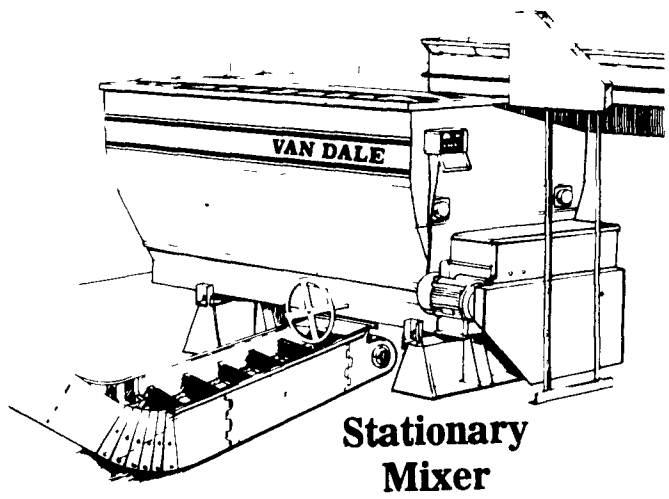
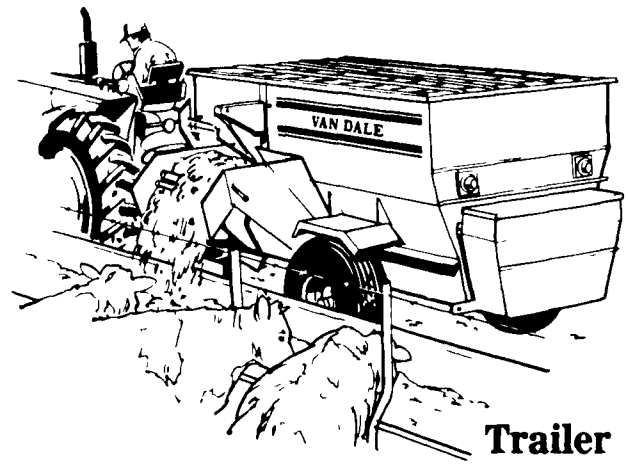


Stationary Mixer



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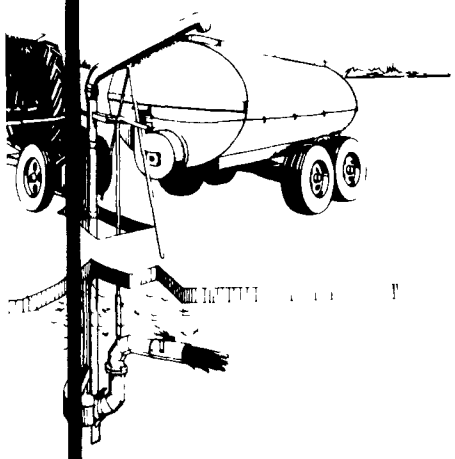

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Lower Dauphin FFA chapter is state's best

HUMMELSTOWN — The Lower Dauphin chapter of the Future Farmers of America was recently selected top FFA chapter in Pennsylvania for the 1984-85 school year.

This selection coincides with the celebration of the chapter's silver anniversary and is the highlight of a full year of activities. The top ranking was based on the National FFA Chapter Award application which the chapter submitted. The Lower Dauphin chapter was selected out of 204 other FFA chapters in the state.

The Lower Dauphin chapter completed several projects this past year to earn this recognition. The chapter works with the Dauphin County Department of Aging in providing chore services for the elderly in the area. The chapter also organized a traveling petting zoo which went to several local nursery schools, and to the Hummelstown Children's Care Center, a home for mentally retarded children. The FFA chapter also maintains a five-acre demonstration plot, currently planted in oats, near the high school.

Several other activities and accomplishments helped earn the chapter its top rating. FFA members showed livestock successfully in the Dauphin Co. 4-H and FFA Fair, the Elizabethtown Fair, and at the Pennsylvania Farm Show. In addition, the chapter's educational window display earned award at these and other shows.

The chapter's parliamentary procedure team recently placed second in the statewide competition held this summer at Penn State. Team members Jim Landvater, Doug Bauder, Sue Zerphey, Dawn Herr, Tammy Baker, Joe Halbleib, Dave Cheris, and Brenda Landvater helped to earn this high ranking.

Chapter member Sharon Huntzberger also earned statewide recognition by placing second in the state FFA Dairy Showmanship contest. Other members of the chapter also won several other contests and awards at the county, area, and state level during this past year.

The Lower Dauphin chapter also excelled in recognizing academic achievement. The chapter presented scholarship pins to members who made the honor roll two times out of three. Several educational field trips were sponsored during the year, including a trip to the National FFA Convention in Kansas City, Mo. The chapter also designed and constructed a display on Pennsylvania agriculture which was taken to this convention.

Chapter president Jim Landvater states, "It wasn't that we did one very big project and that's all, but rather we did a lot of small projects extremely well!!"

The chapter's National Chapter Award application will now go on to national competition where it will compete with other state winners for gold, silver, and bronze emblems.

Advisors for the Lower Dauphin chapter are Ronald Yerger and Lee Savidge.

Lower Dauphin FFA members Jim Crist and Brian Hoerner identify weeks in the chapter's oats demonstration plot.

Union County Fair winners named

LAURELTON — The Union County West End Fair was held recently at the fairgrounds outside of Laurelton. Following are the results of the dairy and beef shows held during the 60th annual fair.

Union County Fair (Dairy)
Show Results
HOLSTEIN OPEN
Bull Calf
1 San Be Farms 2 Clarence Beiler 3 Douglas Boop
Yearling Bull
1 Dawn Rishel 2 Joal Ann Dairy
Grand Champion Bull
Dawn Rishel
Reserve Grand Champion Bull
San Be Farms
Junior Heifer Calf
1 Johnathan Boop 2 San Be Farms 3 Dawn Rishel
Intermediate Heifer Calf
1 Zi We s Dairy Farm 2 Kenneth Beiler 3 San Be Farms
Senior Heifer Calf
1 Johnathan Boop 2 Clarence Beiler 3 Zi We s Dairy Farm
Junior Yearling Heifer
1 Kenneth Beiler 2 Clarence Beiler 3 Mike Rishel
Intermediate Yearling Heifer
1 Zi We s Dairy Farm 2 San Be Farms 3 Kenneth Beiler
Senior Yearling Heifer
Clarence Beiler 2 Gerald Boop Jr 3 Johnathan Boop
Junior Champion Female
Zi We s Dairy Farm
Reserve Jr Champion Female
Johnathan Boop
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Aged Cow
i We Dairy Farm Ralpr Dietrich mreek Holsteins
Cow in Milk
(Jr 2 Year Old)
Zi We s Dairy Farm 2 Lumreek Holsteins
(Sr 2 Year-Old)
1 Clarence Beiler 2 Zi We s Dairy Farm
(3 Year-Old)
1 Joal Ann Dairy 2 Lumreek Holsteins
(4-Year Old)
1 Clarence Beiler 2 Zi We s Dairy
(Aged Cow)
1 Zi We s Dairy Farm 2 Ralph Dietrich Jr
Senior Champion Female
Joal Ann Dairy
Reserve Sr Champion Female
Zi We's Dairy
Grand Champion Female
Joal Ann Dairy
Reserve Grand Champion Female
Zi We's Dairy
Produce of Dam
1 Lumreek Holsteins 2 Gerald Boop Jr
Dam and Daughter
1 Lumreek Holsteins 2 Lumreek Holsteins 3 Clarence Beiler
Best Three Females
1 Zi We's Dairy Farm 2 Lumreek Holsteins 3 Gerald Boop Jr
Dairy Herd
1 Zi We's Dairy Farm 2 Lumreek Holsteins 3 Kenneth Beiler
YOUTH-DAIRY
Junior Calf
1 Jonathan Boop (4-H) 1 David Gessner (FFA) 2 Dawn Rishel (4-H) 3 John Rishel (4-H)
Intermediate Calf
1 Kimberly Dietrich (FFA) 2 Crystal Knechel (FFA)
Senior Calf
1 Johnathan Boop (4 H) 1 Barry Spangler (FFA) 2 Joel Wehr (4-H) 3 Nathan Wehr (4 H)
Senior Calf (Jersey)
1 Amy Jo Sanders (4 H)
Junior Yearling
1 Gerald Boop Jr (4-H) 1 Mike Rishel (FFA) 2 Anthony Dietrich (FFA)
Intermediate Yearling
Douglas Boop (4 H)
Senior Yearling
Gerald Boop Jr (4 H) 1 Johnathan Boop FFA)
Junior Champions
Johnathan Boop (4 H
Mike Rishel (FFA
Reserve Junior Champions
Johnathan Boop 4 H
Barry Spangler (FFA
Jr 2 Year Old
1 John Rishel (4 H) 2 Rebecca Dietrich (4 H)
Sr 2 Year Old
1 Douglas Boop (4 H)
3 Year Old
1 Kimberly Dietrich (4 H 1 Anthony Dietrich (FFA)
4-Year Old
1 Gerald Boop Jr (4 H)
Aged Cow
1 Kimberly Dietrich (4 H)
Senior Champions
Gerald Boop (4 H)
Anthony Dietrich (FFA)
Reserve Senior Champion
Anthony Dietrich (FFA)
Grand Champion
Gerald Boop (4 H)
Mike Rishel (FFA)
Reserve Grand Champion
Johnathan Boop (4 H)
Barry Spangler (FFA)
FITTING AND SHOWING
Fitting
Dawn Rishel (4 H)
Mike Rishel (FFA)
Showing
Johnathan Boop (4-H)
Crystal Knechel (FFA)
MARKET STEER SHOW
Lightweight
1 Steve Schreckengast 2 Kevin Dorman
Medium Weight
1 Eric Imgrund 2 Chris Falck
Heavyweight
1 Crystal Knechel 2 Andy Clouser 3 David Cotner (4 H) 2 Amy Cotner (4-H)
Grand Champion
Crystal Knechel
Reserve Grand Champion
Steve Schreckengast

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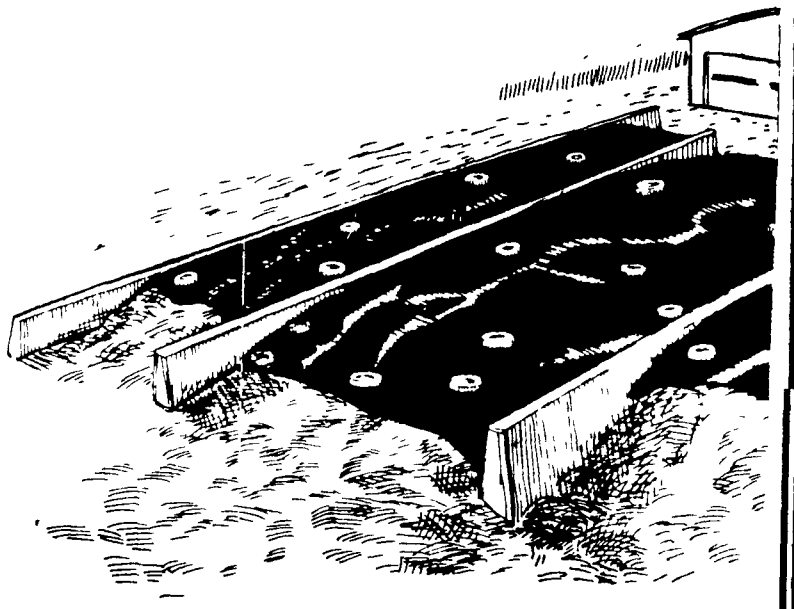

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High quality honey needed to improve consumption

BY SALLY BAIR
Staff Correspondent

LANCASTER – Promotion is the name of the game with agricultural products and honey is no exception Dr Clarence Collison, associate professor at the Pennsylvania State University, told the 670 participants in the Eastern Apicultural Society's annual conference at Franklin and Marshall College last week that they must produce a high quality product to improve consumption.

"We must do a better job of promoting our product," he told the beekeepers.

The quality of honey is affected by many variables, and it begins with proper storage by the bees. But once that honey is in the hands of the beekeeper, it is up to him to keep quality standards high.

Collison said it is not recommended to smoke the bees out of the "super" where the honey is stored, and frames should not be removed until they are three-fourths capped. If the frames are partially capped, it allows for high moisture honey, which is not desirable

Collison recognized that hobbyists have a hard time handling high moisture honey, whereas commercial processors have drying rooms which minimize the problem.

Air bubbles, pollen and bits of wax all are sources of trouble for hobbyists as they process their honey, and Collison recommended that honey be strained through a series of layers of cheesecloth to remove these. He said nylon stockings are usually very effective in straining. A settling tank is also useful in producing quality honey, because impurities can be skinned off after a few days.

Although it should be obvious, Collison also reminded beekeepers that they must be using perfectly clean jars for storage.

He said consumers of different areas may have different taste preferences and the producers should take that into account Some may prefer raw or unprocessed honey, in which case there should be limited straining and heating to not more than 100 degrees.

However in most cases of selling at roadside markets and other areas, an extended shelf life is imperative for quality honey. Proper care of the honey will prevent crystallization and lower the chances for fermentation.

Collison cautioned that honey should never be overheated because it breaks down the fructose and gives an off flavor to the product

The average composition of honey is 38 2 percent levulose and 32 3 percent dextrose. He said this is highly variable according to the floral source but that it is that ratio which determines how gradually honey will crystallize

"Honey is actually a supersaturated solution," Collison remarked, adding that the excess sugars will come out in the form of crystals. The rate of crystallization depends upon the composition of the honey, the storage conditions and the heating and filtering process. Some honeys will granulate evenly but the process always starts on the bottom of the jar.

The faster honey granulates, the smaller the crystals. Collison also points out that only dextrose and glucose crystallizes, while levulose remains liquid. Once granulation has occurred, there are ideal conditions for fermentation.

For crystallation to take place there must be impurities upon which the crystals can grow Therefore straining is important to remove as many as possible

If the honey is heated to 145 degrees for 30 minutes, it will prevent fermentation Fermentation also cannot take place if the moisture content is below 17 percent.

Collison said that for peak quality for long periods of time, honey can be frozen

In addition to the care taken in processing honey, Collison recommended that producers take as much care in chosing labels. "We must increase the visible image of our product," he stated.

Regulations say that labels must have the word "honey" in bold type, and must list ounces and pounds if it is packaged in the one to four pound container sizes. More than four pounds can be listed only in pounds and less than one pound can be listed only in ounces.

It is also required to have the name and address of the producer and/or distributor.

Don't overload freezer

YORK – How much food can be frozen in one day in a home freezer? The maximum should be no more food than will freeze within 24 hours says Joan Lamberson, Extension home economist for the Penn State Extension Service.

The cubic capacity of your freezer is the starting point for figuring out the exact amount you can freeze at one time. Put in no more than two pounds of warm food per cubic foot of freezer space. For example, a 15-cubic foot freezer should not have more than 30 pounds of unfrozen food added in a single day. Less is better.

Overloading slows down the rate of freezing, causing large ice crystals to form and draws flavor and nutrients from the food. The color and texture of the food will deteriorate faster. Excessive loads of warm food could also cause spoilage.

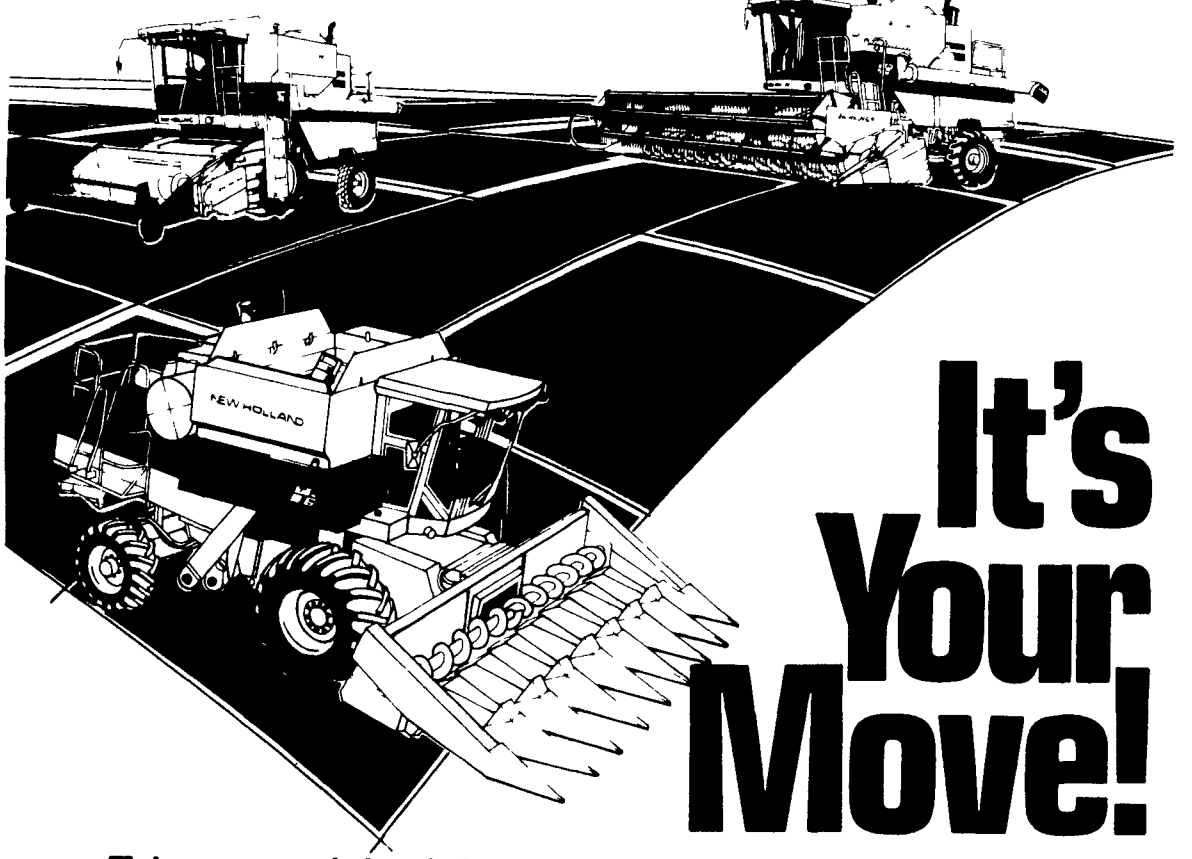
Freeze food as soon as it is packed. If you are wrapping many packages, keep them in the refrigerator until several are ready to be put into the freezer. Each time the freezer opens, cold air escapes. For fastest freezing, follow the freezer manufacturer's directions on food placement carefully. The right spot in one freezer may be the worst spot in another.

After freezing, packages may be stored closer together. Add the name of food, date, type of pack, if the food is packed in more than one form, and amount frozen to your frozen food inventory.

When freezing packages, stack all the same kind of food together. For example all the meat should be in one area, vegetables in another.

Rectangular or square containers with straight or square sides usually work best for freezing because they stack easily and fit compactly side-by-side.

Use baskets, shelves, dividers, racks and other accessories to organize packages. The freezer will hold more if packages are arranged neatly.



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Ladies Have You Heard?

By Doris Thomas

Lancaster Extension Home Economist

Does Your Mattress Fit?

If you toss and turn, wake up tired, or with an aching back, you may be too big for your bed.

Adding extra width, extra length or both to yesterday's standard size mattress can make sense for many of today's people.

The standard size double bed–53 inches wide by 75 inches long–was established almost a century ago. People now are taller and heavier on the average than their counterparts of the 1890's and mattress makers have responded with larger sizes.

For one person, a twin size–38 inches wide–mattress is usually comfortable. If you are 5 feet 10 inches tall or under, the standard length will be fine. If you are taller, an extra long--80 inches--is probably a better choice. You can stretch out fully with room to spare.

For two people, the queen-size mattress–60 inches wide by 80 inches long–increases sleeping space nearly 20 percent over the standard size. King-size is equivalent to two extra long twin beds–76 inches wide by 80 inches long–and is used with twin box springs.

Which size to buy? When you shop, lie down on the mattress and try it for size. Don't forget to consider the dimensions of your bedroom and the other furniture it must accommodate.

Can It Clean Hot And Fast

The best home canning equipment won't prevent spoilage if the produce to be canned isn't well washed and trimmed before processing.

Dirt contains some of the hardiest bacteria around. Wash food in as many changes of water as it takes to get a clear rince. Don't soak foods; they lose flavor and food value.

Trim well and peel. Root crops and some fruits have a rough skin and washing alone won't remove mold spores or other hidden bacteria.

The hot pack method of filling th. canning jars is recommended. With this method, you bring foods to a boil or cook uncovered for a specified time, pack hot into jars and then heat process. It's an extra step that is really essential because hot pack helps remove bacteria prior to canning. Hot pack not only gives you a safer product; you get more food per jar, fewer unsealed lids and a better looking product.

You used the hot pack method and still had problems? Maybe the phone rang, a neighbor arrived or a child came in crying. The few minutes you spent dealing with the interruption may have been long enough for the temperature of the food to drop enough to cancel the benefits of the hot pack. If you are interrupted, bring the food back to a boil before packing into jars for processing.

Avoid Outdoor Clothing Fires

A small spark from a campfire can turn an enjoyable family outing into a nightmare because clothing can be a potential fire hazard around open flames.

Fabrics made with flame retardant fibers reduce the chances of clothing fires.

Also, tightly woven, heavy fabric is less likely to ignite than lightweight, sheer fabric. Smooth surfaces are less flammable than fabrics with a napped finish.

The fit of clothing also determines its flammability. Around campfires or other open flames, avoid loosely fitting robes, flaring skirts, sleeves and ruffles. They are more likely to ignite during careless fire use.

Prune berry bushes

It is time to prune out all old canes which have borne fruit on the brambles–red, black and purple raspberries; blackberries and dewberries.

Destroy prunings of old, fruited canes to eliminate reservoirs for disease-producing organisms. To facilitate waste collection, wrap in several pieces of paper or place in burlap or plastic bags. The prunings are then easily handled through authorized waste disposal procedures.

Immediately after pruning, spray the bramble bushes with a miticide and fungicide to help protect the wounded tissue and new growth. For further recommendations on insecticides and fungicides, contact your local Extension office. Note that the main pruning operation is not done until late winter or early spring. It is called dormant pruning. Also, wait to fertilize the brambles until very early spring–March or April.

Take soil tests sometime before fall is over so that there is ample time to order and receive the most economical fertilizers to meet the recommendations given in the soil test report. Also, if lime or magnesium is recommended, it's best applied before winter--freezing and thawing action coupled with winter moisture will aid in incorporating these materials into the soil.

If nitrogen levels seem too high for proper hardening of canes, organic matter is low, or erosion is occurring in the bramble patch, it may be advisable to sow a crop such as spring oats between the rows during the fall. Besides helping to prevent erosion, and the decrease of organic matter, a spring oats crop sown in late summer will help harden the canes. When sown between the rows, it will use up some of the excess nitrogen, and yet will die out by spring.

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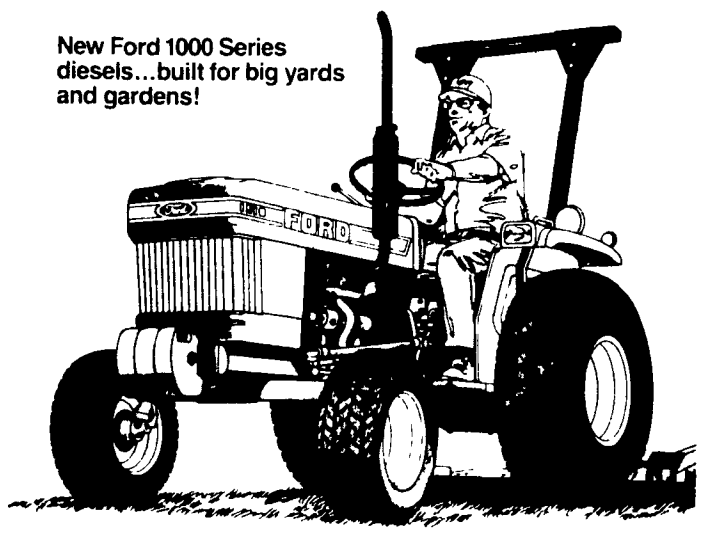

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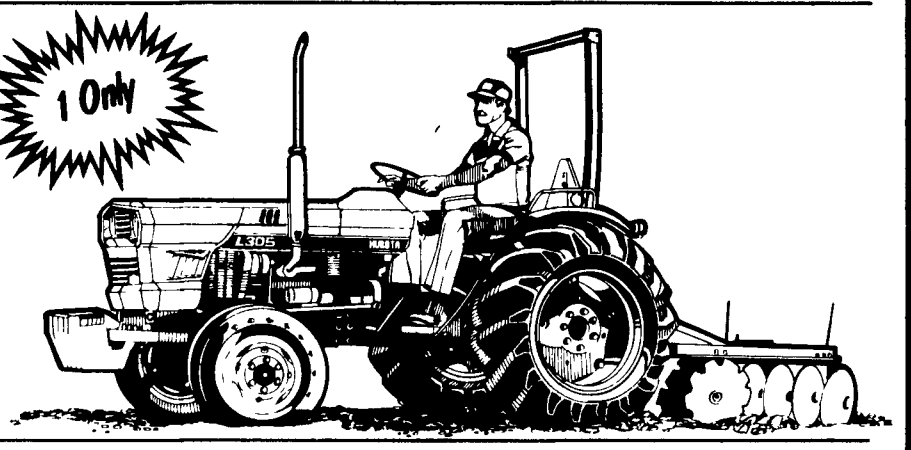

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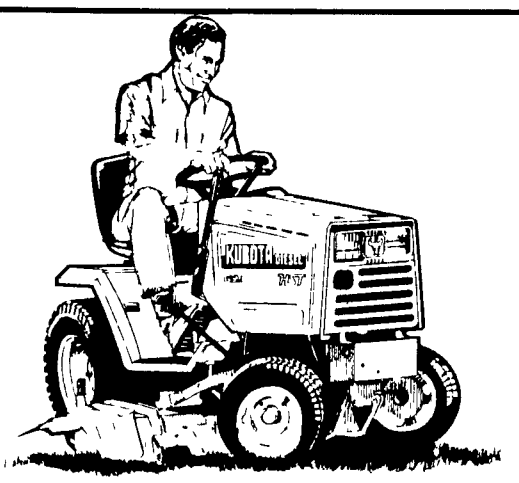

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Help ease your child's anxiety about the start of school

YORK — The new school year is just around the corner and York County Extension home economist Joan Lamberson has some tips for parents to help their children deal effectively with the new experiences they will encounter in school.

It's a good idea not to make the beginning of school a topic of daily coversation during the summer months. As one child said to his mother, "Don't make a federal case out of!" Treat going to school as part of the normal course of events. Regard it as something expected, something you casually accept your child will be doing.

Don't allow older children to frighten or tease a younger child with stories of how awful school is. You may need to speak to the older children privately about their responsibility in helping the younger child go to school without fear. If there happens to be a neighborhood bully teasing your child, try to persuade your child to trust what you have to say about school.

Try to answer all your child's questions honestly about what to expect. She may want to know the number of days she will attend school, the length of time she will be away from home, how she will get back and forth. These are all important, because uncertainty may make a child anxious. She needs to know details in order to overcome her anxiety. Working parents will also want to make certain that the child knows the arrangements for before and after school care.

Don't give the impression that there is any choice about whether or not your child will attend school. Children will often say, "I'm not going," or "They can't make me." Respond to these comments calmly and reassuringly, letting your child know that you understand his concerns but you know he will be able to handle it. All children have to go to school. Don't argue the issue of school ateendance. A calm, matter-of-fact, positive attitude is your goal.

Let your child know you appreciate his efforts to do what is being asked. You might say, "Would you prefer your new shoes or your sneakers for the first day of school?" or "Think of something special you'd like us to do when you get home." The idea is to find ways of acknowledging your child's efforts and to give him some say or control over the situation whenever possible.

Make transportation plans clear to your child. If she walks to school, walk the route together once or twice before school begins. Or you might want to walk her to school and meet her there after school has ended for the first day or so. If there are other children from your neighborhood who are her age and who are walking, see if your child and a friend could walk together.

Don't set a pattern of walking into the classroom and waiting while your child gets seated. This could lead to tears or clingy behavior. Goodbyes are best said at home or in the school yard.

If your child will be riding to school by bus, help him identify the bus and see that he gets on it. You may need to walk him to the bus stop for a few days until his anxiety decreases. If there are other children in the neighborhood riding the bus, you could make arrangements for them to walk to the bus stop with your child.

Don't try to force your child to be overjoyed about starting school It's perfectly natural for him to be a little anxious about giving up his comfortable and safe life at home for the uncertain territory of school. Allow — even encourage — your child to express his feelings about starting school.

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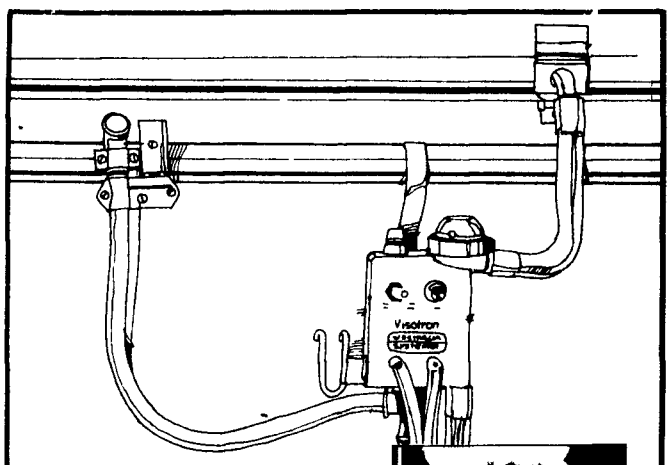

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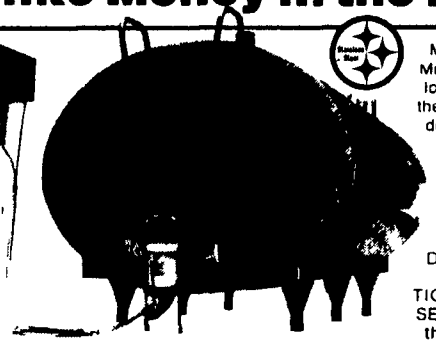

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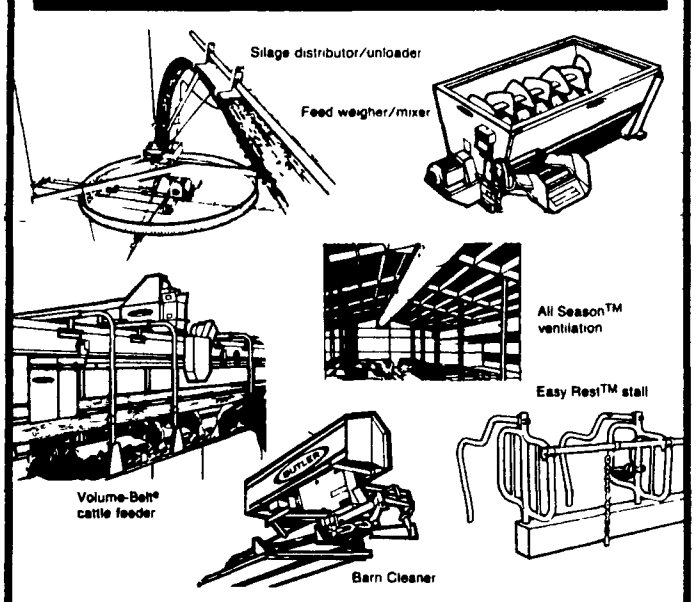

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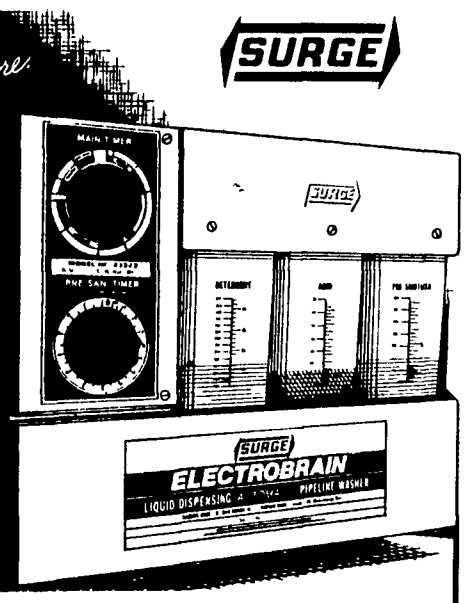

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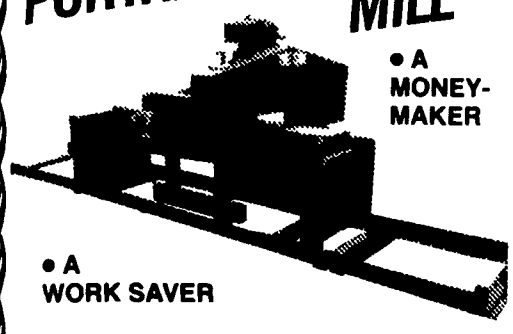

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This rugged sawmill cuts boards any thickness from ¼" to 9" • it will quarter saw • handles logs up to 24" diameter • cuts boards smooth and straight • Walnut, Oak, Cherry and other hardwoods are no problem to saw • saves you more usable lumber • low price makes this saw affordable for individual use.

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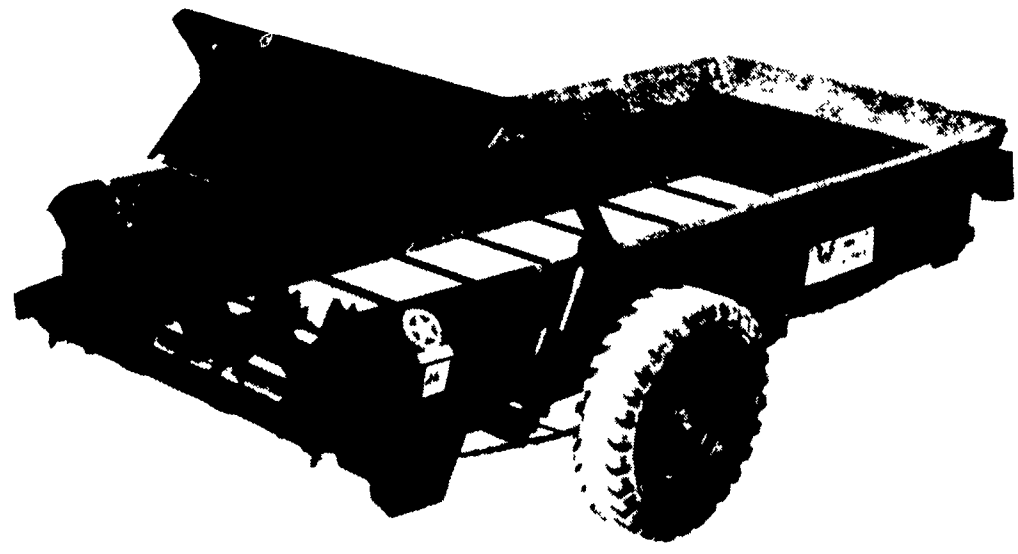


Equipment Manufacturing Corporation takes pride in announcing a long-needed option in manure handling systems The Meyer Hydraulic Endgate

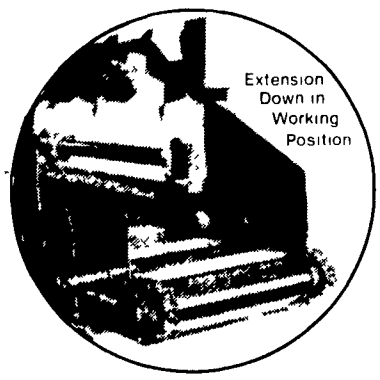
This rugged, heavy-duty endgate provides many advantages — Spreaders can be loaded to rated capacity without jambing the beater teeth, — farmyards and hauling routes stay cleaner because no material spillout from the apron end can take place in transit,

MODELS
M-350A Tandem Axle
IM-225A Single Axle
M-125A Single Axle

FARM EQUIPMENT BUYER'S TRUST THE NAME MEYER'S

Self Unloading Forage Boxes

For 1984



The fold down cross conveyor extension is standard equipment on 1984 600 series boxes optional on the 500 series — not available on 400 series — cannot be installed on any previous model

A standard cross conveyor extends 12 from side of box The optional fold down extension adds another 12 inches

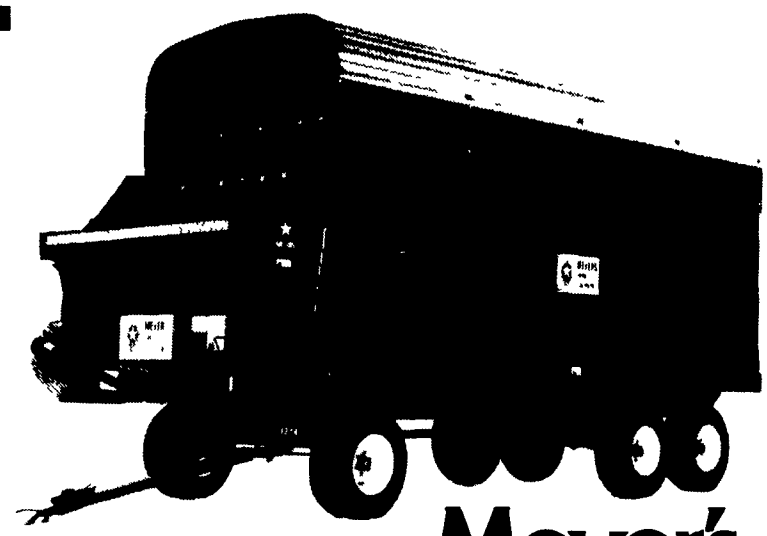
Meyer's offers two new features:

- **Fold Down Cross Conveyor Extension**
- **Optional All-Steel Sided Boxes**

Seemingly a minor improvement, the new Meyer's fold down cross conveyor extension is instead a highly significant, farmer approved feature.

- It delivers material **into** the blower, not just on the hopper edge — less goes on the ground
- Makes it easier to align box to blower
- Adapts box for bunk or fence line feeding
- Folds for transport
  - When folded box is as narrow as a standard box
  - Saves the next row of corn and the gate posts Easier to store
  - Allows use of a wider wagon and larger tires
  - Simple and easy to fold and unfold
  - Runs in any position
  - Acts as a gate to cut loss in transport of small grain or high moisture corn

All Steel Sides are an option on ALL Steel Frame Models for 1984!



Meyer's

400, 500 and 600 Series

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Meyer's STEEL BALE BOX

The high strength steel square tubing and the unique construction make this bale throw box the most durable and easiest to unload on the market. Available in 8'x16', 9'x16', 8'x18' or 9'x18', with or without fold down front.

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Teens tour Capitol through 4-H program

Lancaster and Lebanon County 4-H'ers pause for a moment to chat with Congressman Bob Walker during a recent trip to Washington. From left are Lancaster 4-H'ers Matthew Strausbaugh, and Sherry Goss, Rep. Walker, and Lebanon 4-H'ers Becky Smith and Anne Grumbine.

The 4-H'ers were in the Capitol as part of the Citizenship Washington Focus, a 4-H program designed to acquaint the youth with national government. During their week-long visit the 4-H'ers toured many government buildings and monuments and watched Congress in action.

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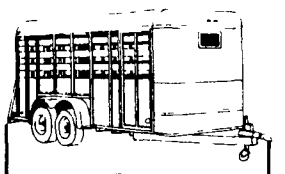

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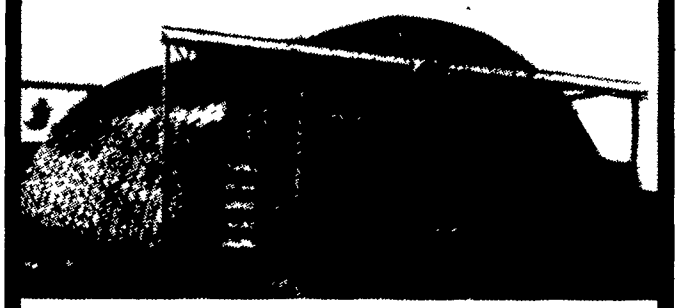

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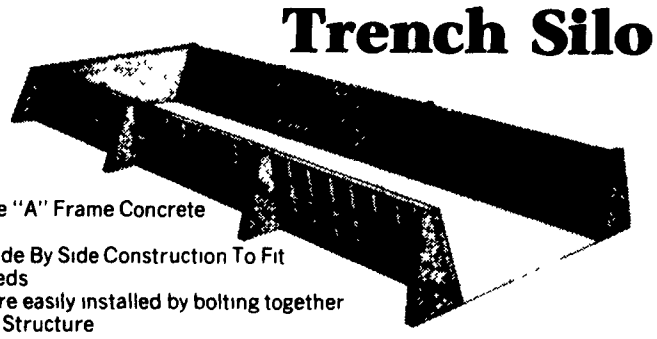

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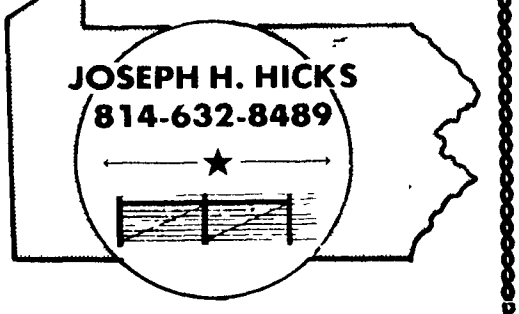

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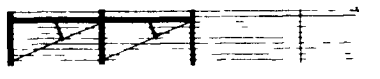

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9 HORSES AND MULES

Arabian-Quarter horse, 3 yr. old gelding and Appaloosa-Morgon yearling colt. Good pleasure prospects. Great dispositions. 717-432-9840.

Beautiful Reg. Appaloosa's, all ages. Good quality family horses, handled from birth, some being shown, $750 up Magic Country Acres, 717-223-8950, Monroe Co.

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Rep. Roy Diller

MARYLAND
POLLED HEREFORD ASSOCIATION
15th ANNUAL
RED, WHITE & BLUE SHOW & SALE
Saturday, October 5, 1985
Show: 2:30 P.M. - Sale: 6:30 P.M.
Beef Farm, Frederick Fairgrounds, Frederick Maryland
QUALITY FEMALES
Cows, Bred Heifers, Open Heifers, Heifer Calves
Club Calf Sale Follows At Approximately 8:30 P.M.

CONSIGNORS:

Charles E. Free Jr.	Thurmont, Md.
Whispering Oaks	White Hall, Md.
Stone Ridge Farm	Livingston Manor, N.Y
Calvin Sayler	Rocky Ridge, Md.
R & T Acres	Gaithersburg, Md.
John Wilkins	Shepherdstown, W Va
Merrill Crone	Dover, Pa.
Sam Hunter	Smithburg, Md
Charlene Dilworth	Greenboro, Md
Glen Cary Farm	Damascus, Md.
Ann & Howard Corcoran	Keedysville, Md
Little Antietam Farm	Rohresville, Md
Kevin Delauter	Smithburg, Md
Deitschland Farm	Womelsdorf, Pa.
Georgetown Farm	Free Union, Va
Spring Bottom Farm	Fairfield, Pa
Penn State University	University Park, Pa
Pleasant Knoll Farms	Frederick, Md.
Tamsey Farm	Easton, Md.
Church View Farm	Millersville, Md.
S & J Ranch	Monkton, Md.

OFFERING BRED TO OR SIRED BY:
Transformer 307K, Enforcer 107H, Vindicator, Reenforcement, Beartooth Nomad 421N, Will Via Justa V, Gold-Bar God Father 119N, Graystone Hurrah, FLF Enforcer 9031 Ace's Tally's Co. 97P, PRL 930K Hotline 347N, Sterling, Victorious K47 U81 Kins Pin, Graystone Trustee
ATTENTION MD. 4-H'S - MPHA is offering major cash awards for P.H. steers shown at the 1986 Md. State Fair - Details prior to Club Calf Sale
Be our guest at a cocktail reception 4 30 p m , followed by a reasonably-priced buffed supper
For catalogs and information, contact.
Thelma W Mills
23500 Pleasant View Lane
Gaithersburg, Md 20879
(301) 253-2992
Auctioneer:
Col Dave Leonard
Lebanon, Virginia
Judge:
Montie Soules

Beautiful Registered Walking Horse Gelding; Flashy Registered Missouri Fox Trotter, $850., Beautiful Registered Haflinger Filly, $1,850 , very gentle, champion bloodlines. 814-445-6358

Big saddlebred stud carriage horse, sure breeder with papers, 4 yr old saddlebred - carriage horse. Both of these have lots of style and snap. 717-656-7384.

FOR SALE: Team Sorrel geldings, good workers, gentle, 12-16 years 215-286-0290, 6-7

FOR SALE 6 yr old standardbred carriage horse, safe & sound. John L Zook, RD2, Horst Rd., Myerstown, PA 17067

For Sale. 3 outstanding black, standardbred trotters Also saddlebred horse Lanc Co 215-267-3695.

Full board, new barn, Warwick Twp. 30 acre pasture, 8 stalls, $200. 215-286-0410.

Ponies For Sale. Phone 717-768-8080.

(3) Registered Tennessee Walking Foals, (2) Fillies and (1) Colt. Sullivan County. 717-924-3618

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Bernville, Pa. 19506
215-488-6914
or 488-7131

10 SHEEP AND GOATS

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Try one of Kencove's High Power New Zealand Fence Chargers.
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Purebred Nubian kids 215-766-0876

Six Registered purehorned Dorset ewe lambs. Lambed November, 1984, to January, 1985, nice $150 per head. Take all 607-967-8692

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Ten young registered Suffolk ewes; one registered ram. Asking $100 a head. Past 4-H project. Montour Co. 717-437-3042.

11 SWINE

DUROC BOARS and gilts production tested, certified meat type show winning stock Bloodlines of the best in the U S Par-Kay Farm, Park F Thomas, Beavertown, PA 717-658-6544.

Duroc, Yorkshire, Spotted Boars, Open Gilts and Bred Gilts. Calvin Lazarus and Sons, 4290 Bridge Street, Whitehall, PA 18052. 215-799-3375 or 3831

Yorkshire & Hampshire Service Age Boars & Open Gilts. Several first litter Hampshire Yorkshire & Crossbred Sows. Validated Pseudorabies Free Herd. Will Deliver.

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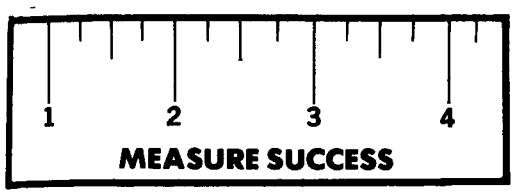

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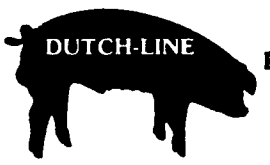

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Large White & Landrace
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Tested boars & gilts: 21-day weights, backfat, loin eye, daily gain & days to 230. Closed herd & validated free. SPF-origins & slaughter checks.
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Dutch Valley Farm RD#5, Box 428
Ph: 717-665-6220 Manheim, Pa. 17545

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13 HOG EQUIPMENT AND SUPPLIES

SPECIALIZING IN UP-TO-DATE DESIGN & QUALITY CONSTRUCTION OF HOG CONFINEMENT SYSTEMS.
We also manufacture Confinement Equipment and handle a full line of products for today's swine industry, including automated ventilation, feed handling and manure handling systems.

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15 FEED AND SEED

For Sale: 200 bu. Potomac Seed Weed. Certified last year, excellent yield. Lanc. Co., 717-665-7434.

High Moisture Ground Ear Corn in Ag Bag, $70. a ton at the farm. Frederick County 301-898-7690

High moisture shelled corn, haylage and corn silage. Trucking available. Berks Co. 215-926-2908.

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New Crop Corn Silage & High Moisture Ground Ear Corn. Available at harvest time. Will deliver to your farm. 717-872-4058.

NOTICE: Feedmobile Inc. of Lititz, now a full service Peerless dealer. In stock, silo mills, roller mills, parts, and accessories. Check our Price before you Buy. 717-626-2680

ProLasse 8%
All Natural Molasses Base Liquid Protein. Make sweet feed with any PTO mixer. Wholesale, retail from manufacturer, dealer inquiries invited. Call collect. 301-343-0343.

RYE SEED - KUSTRO, TETRAPETKUS varieties now in bulk or bushel bags. Call North Star Nursery at 315-964-2629 for information or to order.

Rye For Sale: Seed or Feed, $2.50 per bushel. 201-297-1295.

Rye Seed, bagged or bulk, can deliver. 717-548-3116

Rye Seed, cleaned, $5. bushel. Lancaster County. 717-687-6321

Rye Seed for cover crop, $4.00 a bushel delivered. 315-626-6472

Rye Seed for sale: $3.00/bushel 717-464-5131.

Seed Rye For Sale. $3.50 per bushel. Can Deliver 717-872-4058.

Sweet corn husks & cobs, excellent forage for cattle, available July 15 thru August 30 F.O. Mitchell & Bros., Inc., Perryman, MD. 301-272-3638 day 301-272-2620 night

Top quality third cutting alfalfa hay 717-524-2673

WANTED: DRIED SHELLED CORN. Delivered or picked up. 717-354-4175.

Will buy moldy grain 301-833-1847

100% liquid protein, liquid silage fortifier. Wholesale/Retail from manufacturer. Dealer inquiries invited. Call Collect 301-343-0343

30 tons of high moisture shelled corn out of Harvestore silo, 27% moisture, 8.4% crude protein 717-285-5159.

32% liquid protein, wholesale/retail from manufacturer. Dealer inquiries invited. Call collect, 301-343-0343.

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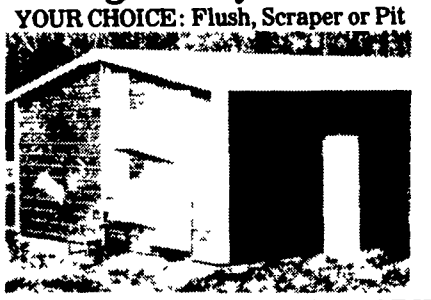

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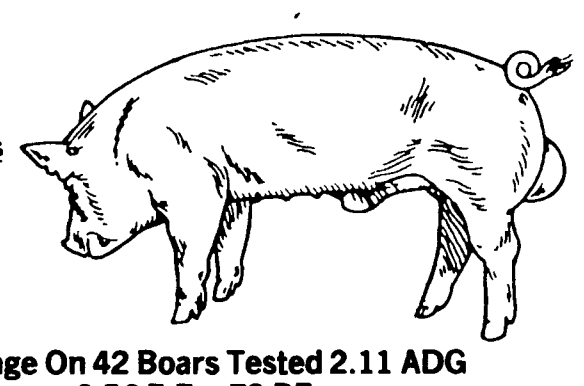
BOAR SALE
TUESDAY, SEPTEMBER 3, 1985 6:00 P.M.
Delaware State Fairgrounds
Harrington, Delaware



Selling The Following Boars
16 Yorkshire
7 Duroc
1 Hampshire
1 Landrace

Average On 42 Boars Tested 2.11 ADG 2.56 F.E., .73 BF
"Selling 3 Boars with ADG over 2.50"

For More Information, Contact:

Keith Bryan	**Rich Barczewski**
Georgetown Substation	**Kent Co. Ext. Service**
(302) 856-7303	**(302) 736-1448**

TOP INDEXING PEN SELLS

Wed. Aug. 21, 1985 6:00 P.M. at Meat Animal Evaluation Center

State College, PA - Sale Phone 814-238-2527
Duroc Boars - Sire - CS Buster Boy

Boar	ADG	BF	LEA	FE	Index
5-3	2.74	.79	7.00	2.26	171
4-2	2.36	.71	6.19	2.26	154
4-6	2.10	.74	5.77	2.26	136
Pen Average	2.38	.74	6.35	2.26	153

Note: Boar 5-3 sets a record for index and loin eye area. This pen of boars also set the record for index and loin eye area.

This is a stout, fast growing meaty group of boars that will work for commercial or purebred producers.

LEMMON FARM
RD#1 Box 135 Newburg, Pa. 17240
717-423-6514

FOR SALE-Purebred Yorkshire boars, bred gilts and open gilts, carcass championship bloodlines. Willow Glen Farm, R1, Box 221, Strasburg, PA 17579. 717-786-2562.

FOR SALE-Yorkshire Service Boars. Elwood E. Houser, 2150 Quentin Rd., Lebanon, PA 17042. 717-272-5798 or 273-2921.

If you have swine to sell or buy - check our swine column. It is read weekly by thousands. 717-394-3047 or 717-626-1164.

Boars, open and bred gilts. Miller's Yorkshire Farm, R.D. #1, Box 1366, Spring Grove, Pa. 17362. 717-225-1926.

WANTED: Contract for a 40x80 hog barn, has 20 ton feed storage, 12 slated pens w/automatic rotatory feeders, nipple waters, and showers. 717-345-3059.

YORKSHIRE AND LANDRACE boars and gilts of all ages. Pseudorabies negative tested boars for sale at all times. Production tested, certified meat tested. Show winners with many carcass champions. Daily drive-in and drive-out service. Reno H. Thomas, Beavertown, PA 17813. 717-658-5821.

1½ Yr. old purebred Yorkshire Boar for service or will loan out. Call 717-687-6857.

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Duroc, Spot, Crossbred Gilts
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Quality farm fresh feeder pigs available Direct from Pa. farms
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12 ARTIFICIAL BREEDING

17 ampules of H123 Rocket Semen, $30. per ampule or Best Offer. Elmer K. Glick, R.D.1, Box 276, Gap, Pa. 17527.

ATTENTION HOG BREEDERS: Breeding pens and feeding stalls and watering system included. Call 9-1 Mon. thru Fri. 717-272-8745.

For Sale: Rotary Hog Feeder, 12 hole, very good condition. $100. Harrisburg Area. 717-564-3038

For Sale: 7 raised farrowing crates, 8 raised nursery decks, 14 stainless steel nursery feeders. 717-528-4066

HOG EQUIPMENT BY PALCO: Auger flush systems, farrowing crates, nursery units, and gestation stalls. SUMMIT SYSTEMS INC. 800-242-3240 or 814-735-3293.

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14 POULTRY AND SUPPLIES

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Liquidating chicken growout, Beacon feeders and waterers, Shenandoah natural gas heaters. Price Negotiable. The Brethren Home, New Oxford, Pa. 17350. 717-624-2161

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15 FEED AND SEED

FOR SALE-Oyster shells. Contact Nelson Weaver & Sons, Inc., Lititz, PA 717-626-8538.

FOR SALE-Old process soybean meal. H. Jacob Hoober, Intercourse, PA 717-768-3431

FOR SALE: Rye seed, $4/bu combine run Halifax, PA 717-362-9515.

FOR SALE: Shelled corn Will deliver in 10 ton loads. Also 1,000 bushel soybeans and high moisture shelled corn 215-488-1965.

FOR SALE: 4½ a. corn for silage, 36" rows, 1st, $800 before you chop. S. Lanc. Co. 717-529-2516 eves.

For Sale: Alfalfa first and second cutting, 20 to 24% protein. Also Clover and Timothy. All hay in 4x4x8' square bales. Will deliver. 814-848-9753.

For Sale: Approx. 30-35 ton corn silage, Elizabethtown area. After 5 p.m., 717-367-3221.

For Sale: Approx. 300 bushel of Oats. 717-739-2145

For Sale: Corn silage, high quality, large quantities. Mount Bethel. 215-588-8421

For Sale: Corn silage $20/ton. 215-383-6818.

For Sale: Corn Silage. Mount Joy Area. 717-653-5344

For Sale: Good quality high moisture corn, $85. a ton. Snyder County. 717-539-2711

For Sale: High moisture shelled corn, 23 to 25% moisture, out of Harvestore. 717-872-4674.

For Sale: High moisture shelled corn out of Harvestore. Trucking Available 717-872-5620

For Sale: High Moisture Ear Corn from sealed silo, preservatives added 717-872-2395

For Sale. High moisture shelled corn, 24% moisture, out of Harvestore silo 15 miles south of Lancaster Trucking available Call 717-284-4722 or 717-786-7143

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For Sale. Rye Seed, cleaned and bagged, $4.75 a bushel 717-665-5760 or 717-665-5746

For Sale: Roasted Soybeans, Alfalfa Hay Also, Certified Barley, Wheat & Rye Seed. 717-786-3435. Lancaster Co

For Sale: Reclaimed small grain, rye seed, $4/bushel 215-944-7169.

For Sale: Rye, 200 bushel, $3.75 bu 215-562-4575

For Sale: Top quality corn silage. Trucking Available Chester County. 215-869-9380

For Sale: Tetra Pekras rye, approx. 800 bu. Any amt. or all. $3.50 per bu. Phone 717-742-7463 after 1 PM

For Sale: T.P. Rye Seed, higher yielding and higher quality forage 717-733-4516

FOR SALE Large bale string, $14 per bale; sisal twine. Berks Co. 215-562-3242 between 8AM and 11AM.

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FEED WHEAT AND FEED SPELTZ All cleaned and treated. 717-432-9704.

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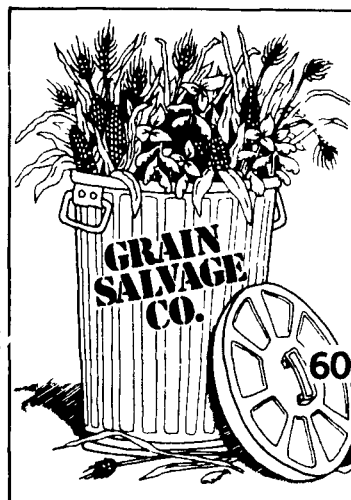

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Protein costs can vary. Eliminate this problem by using LSA.

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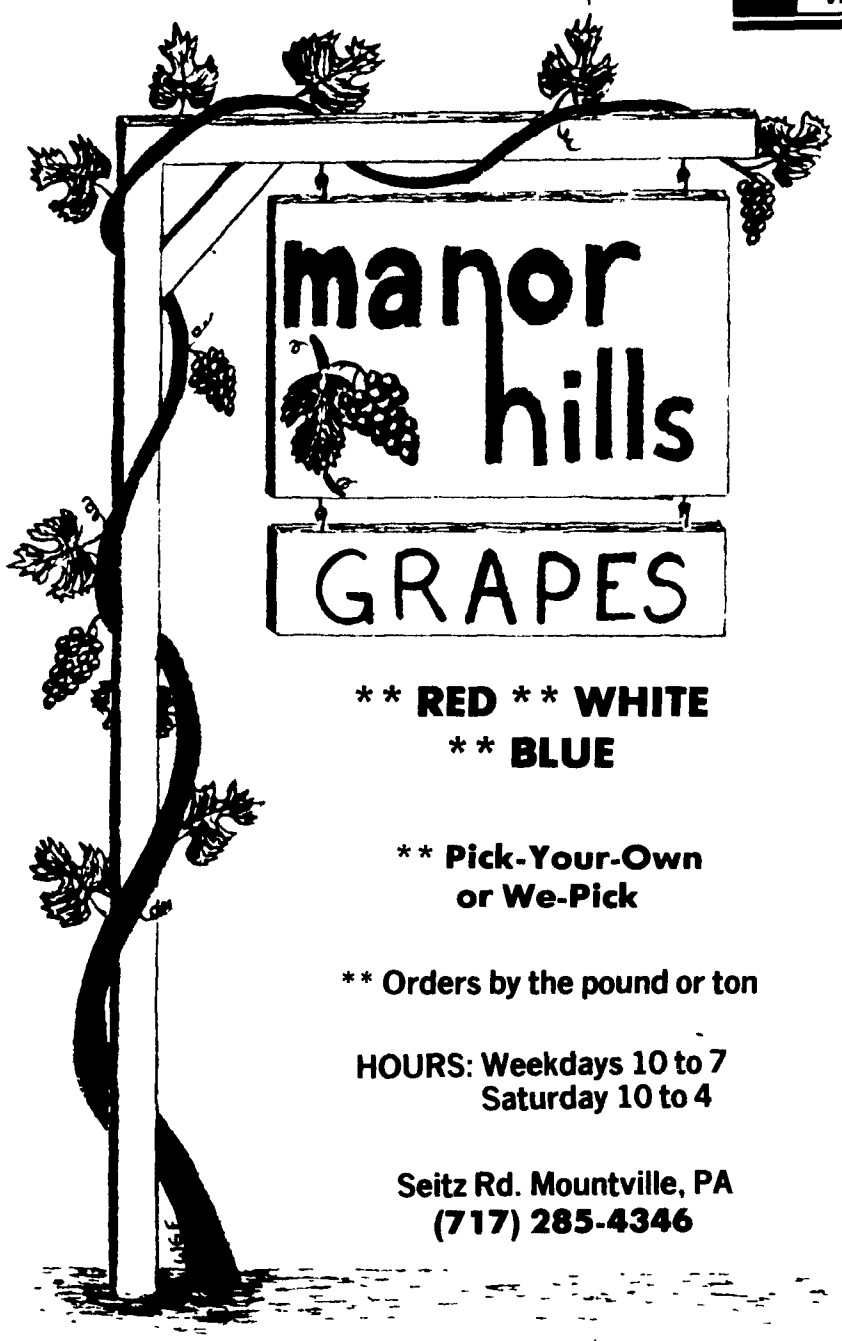

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19 NURSERY

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For Sale: Home grown lima beans. 717-295-3137.

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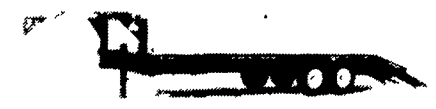

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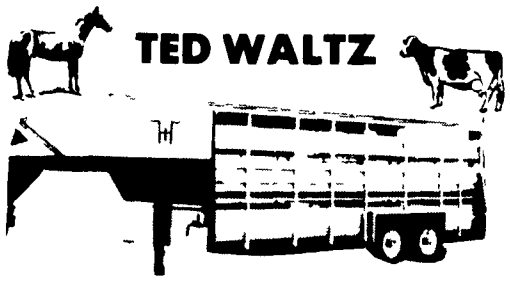

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NEED EXTRA STORAGE FOR CORN SILAGE.
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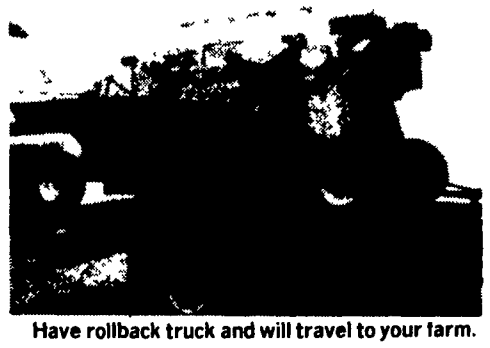

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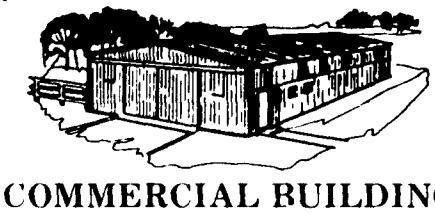

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23 HELP WANTED

Help wanted for dairy farm, full time or part time Call 717-653-4477 after 6 30 p.m.

Person for barn work and some house work, Christian girl preferred. Reply to Lancaster Farming, P O Box 366 K-76, Lititz, Pa 17543.

Person preferred w/son for dairy farm, relief milking, AI experience, and some field work, housing for small family only 703-788-4930 after 8 p.m.

Person to help w/dairy and general farm work, housing, salary and benefits Quarryville, Lancaster County area. 717-786-3437

Person wanted to work on large dairy farm. Housing available. Ivyland, PA. 215-357-1716

Reliable person for general farm work on turkey farm near Ephrata, Lanc. Co 717-733-4313.

Reliable person needed for milking and barn work on dairy farm. Some field work, would have to have family member for 1 or 2 milking a week. York County. 717-927-6903

Salesperson for farm equipment and lawn and garden equipment dealer. Lancaster Farming, P.O. 366, K-74, Lititz, PA 17543.

WANTED: Dairy farm assistant for parlor milking and field work on 100 cow registered holstein farm in Southern Dauphin Co. near Elizabethtown. Salary, housing and health insurance. Kennedy Bros., 717-944-6289

Wanted: Help to cut tobacco Must have experience. 717-872-5620

Wanted: Person to live in and care for two people and house Prefer middle aged Christian woman 717-867-2279

Wanted. Reliable person for milker on large dairy on Maryland's beautiful eastern shore Excellent wages & benefits, housing available 301-348-2121 between 8 5

Young Christian person for 250A. dairy w/milking parlor. Experience needed. House provided. Southern Lancaster Co. 717-687-8943.

Agricultural Salesperson working in the Lancaster area, preferably experience required, salary plus commission-paid holidays-vacation and benefits Send resume to Lancaster Farming, P O Box 366 A-66, Lititz, Pa 17543

Beef & Tobacco Farm Must have experience Lancaster County 717-733-4516

DAIRY FARMER Milking, field work, etc. Salary position including housing, heat, and good benefits. Call between 7PM and 9PM. 609-654-2506.

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Experienced herdsperson wanted for Bucks Co dairy farm Responsibilities include milking, field work, and general care for 70 registered Guernseys and young stock Housing Available, salary commensurate with experience. 215-598-3054

Experienced and dependable couple wanted for milking positions on modern dairy farm. Nice housing (but small) and utilities Salary negotiable with regular time off and fringe benefits Dairy references required. Harford Co., MD. 301-734-6661 after 7PM

Help Wanted in egg processing plant Full time & weekend work Lancaster Co Mt Joy area 717-653-4743

Herdsperson for sow herd. House provided David Lapp, 379 Centerville Rd, Gordonville, PA 17529. 717-354-8584 or 367-1525

Hired person wanted for 50 cow Mennonite dairy farm Northeastern Lancaster County 215-445-5003

House supplied in country in exchange for part-time garden care and maintenance Must know plants inside and outside References Box 176, Harleysville, PA

Immediate opening for person with some carpentry experience. Willing worker only need to apply Lancaster Farming, P O. Box 366, R-58, Lititz, PA 17543

Mother Earth Type couple interested living of land gardening herbs, animals Also have part-time work Paul Yerger, Sr., Auburn, PA 17922 Eves 717-754-4661

Person for light manufacturing and assembling Mechanical and writing ability essential. Will train a willing worker. Immediate employment Lancaster Farming, P.O Box 366, R-57, Lititz, PA 17543

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Help milk part time for your rent. Must have experience. Lancaster Co.
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Send resumes & references to:

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Top dairy herd in process of expanding needs ambitious young assistant herdsperson interested in a dairy farming career.

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Needed on 220 acre, 90 plus dairy cow operation. References required, excellent benefits and wages. 2 bedroom house plus utilities provided. Christian family preferred.
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Canadian manufacturer of quality manure equipment is seeking local and regional sales reprentatives in an expanding market.

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MECHANICALLY INCLINED FARM OPERATOR
With Christian principles to work on modern steer farm near Allentown Airport. (Harvestore Silo & modern equipment). House included. Fencing installation & other possible incentives to supplement income available. Call between hours 9 a.m. to 2 p.m.
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Sell Animal Health Supplies
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Registered Australian Shepherd puppies, georgeous red Merles, excellent working dogs 717-285-3023

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PUPS WANTED

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Tues., August 20

I will pick up pups in the Kutztown area September 10th; Kirkwood area September 17th, and the Shippensburg area September 24th.

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$ Top Dollar Paid $
I need puppies to 8 weeks old every Tuesday evening from 5 8 PM at Root's Farm Market 4 miles south of Manheim off of Rt 72 Manheim PA

Pure and Mixed Breeds Purchased

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For best results

27 PETS

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AKC, Purebred, Mixed Litters

Stud service for most breeds Transportation provided Basset, Beagle, Boxer, Boston, Cocker, Collie, Chow, Dalmation Doberman, Eskimo, Fox Terrier, German Shepherd, Golden Retriever, Husky Labradore, Lhasa, Mastiff, Poodle, Shih-tzu, Sheltie, Schnauzer

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31 NOTICE

PUBLIC GARAGE SALE
of Obsolete & Discontinued building materials.
Thursday, August 22, 1985
5 PM - 8 PM
Saturday, August 24, 1985
7 AM - Noon
Located: Winkit Co., Rt. 897, Reinholds, PA
Selling windows, kitchen cabinets, patio doors, bay windows, post formed counter tops, and many other items.
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20TH ANNIVERSARY SALE
August 12-31
All kinds of remnants, prints, and lots more bargains throughout the store.
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32 MISCELLANEOUS

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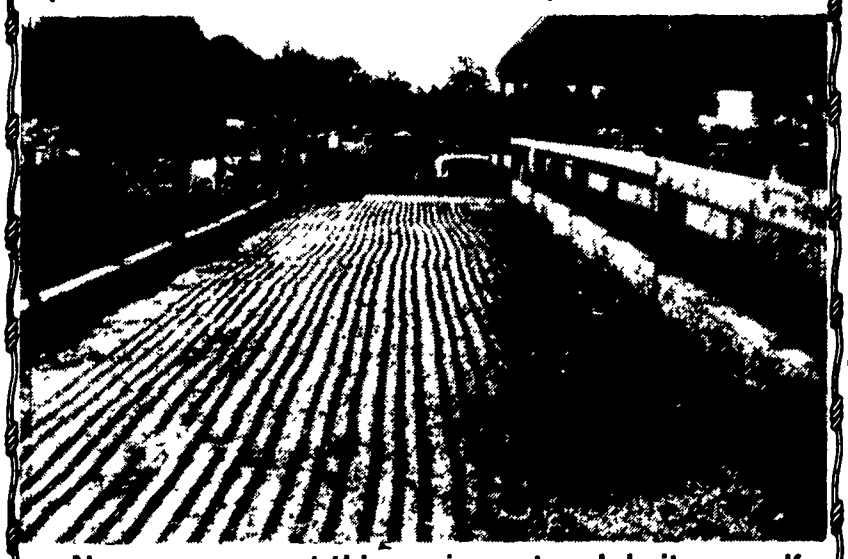

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Spring Wagon, 2 years old, $1100 or best offer. Sam E. King, 4107 Redwell Drive., Gordonville.

34 AUTOS

1984 Olds. Cutlass Ciera diesel, 41,000 mi., loaded, $6250. 215-683-7943

82 Bronco, auto., AC, AM-FM stereo, bucket seats, PS, 2-tone paint, $7395. 814-793-2339.

35 TRUCKS AND TRAILERS

1971 Ford, 600 series w/16' grain dump, factory rebuilt engine, 10,000 miles. New front tires, new paint, excellent condition. Call 717-362-3492.

1972-C600 Ford, all aluminum, 16' Eby body, in excellent condition. 361 c.i. -5+2 speed trans. rear. Excellent heater, all new brakes, excellent tires plus 2 extra on rims, like new. New battery, PS, runs very good. May need some rear end work. 717-838-9775 or 838-1294. Must be seen to be appreciated.

1973 Cabover Peterbilt Tractor, 903 w/10 speed; Reyco suspension. 215-822-1720.

1973 Int'l 1700 Loadstar, cab & chasis, 29,000 GVW, 65,000 miles. $1450. 215-683-7943.

1974 Trailco dump trailer, 28' w/bows & tarp. $8,900. 717-532-8363

1974 Western Star w/1693 cat engine, rebuilt 1980 JxJ 32 yd. aluminum body, very good. Also other silage trucks. 203-758-2765.

1976 IHC CO 4070B single axle tractor, 290 Cummins, 10SP, very good condition 717-464-2874.

1977 Ford LN8000, Cat 3208, 5 speed trans., 2 speed rear, 11x22.5 open, under 200,000 on chassis, under 100,000 on engine, current PA license and inspection. Call Dave at Seeco, Inc., 215-948-8055.

1979 Dodge 200 ¾ ton, 4 WD Club Cab pickup, 360 auto., PB, PS, AM-FM, 37,000 original miles, 1 owner. $5,900. 717-733-2873

1979 Ford 6 ton hi-lift V8, 5 spd. 2 spd. 717-788-1614 evenings

1980 Ford F350 dual wheel 12' stake body, 351 auto., PB, PS, AM-FM, 10,000 GVW, 13,000 original miles. $7,900. 717-733-2873

1980 Kenworth Tractor, W900, 13 speed, air ride & 1980 Parker Dump Trailer, 28'. $35,000. 215-822-1720.

1983 Dodge D200 ¾ ton pickup, 6 cylinder heavy duty 4 spd., PS, PB, air, AM-FM. $5,900. 717-733-2873

1984 Dodge Custom ½ ton, 4x4, 6 cylinder, heavy duty 4 spd., PS, PB, all season radials, 8,000 miles. $8,200. 717-733-2873

'68 GMC 238 Detroit, 10SP, single axle; 35' aluminum tandem axle trailer. Will sell separate. 717-442-4415.

'71 Dia. Reo Conv., 318 DD, 13 SPD. (30,000 Mi. OFM Eng. + Trans.) 12/38,000, Hendrickson Susp., Alum. Budds Frt., New P.S., 8 New 10/20 Lugs, Wet Line, New Batt., Extras; 35' KY Flat, W/4' Sides. 215-383-5044 Eve.

'76 IH 1750, SA dump, 170HP diesel, 5&2, 26,000 GVW, 9½' 5 yard box, $7,000. Lanc. Co. 717-626-5438.

'79 GMC Sierra Classic dual wheel pickup, 454 auto., PB, PS, camper special, dual tanks, new radials, excellent condition. $7,200. 717-733-2873

'79 INT'L., 21,000 GVW, 15' Cust. Flat W/4' Sides, 345 V8, 4 + 2 SPD., EXEL. MPG., New Cond., Truck Is Ready & Priced Right. 215-383-5044 Eve.

'81 Chevy Silverado heavy duty ¾ ton pickup, 292 6 cylinder, 4 speed, PS, PB, air, AM-FM, dual tanks, 8600 GVW, 40,000 miles, excellent condition. $6,950. '75 GMC Sierra Classic heavy duty ½ ton pickup, 454 auto., PB, PS, air, AM-FM, 52,000 miles. $1,800. 717-733-2873

'83 Chevy heavy duty ¾ ton 4x4, 350 4 speed, PS, PB, 8600 GVW, excellent condition. $8,700.; '81 GMC Sierra Grande ½ ton 4x4, 6 cylinder, heavy duty, 4 speed, PS, PB, AM-FM, excellent condition. $6,950. 717-733-2873

'84 Chevrolet S10, 32,000 mis., blue, PS, PB, 4SP, air cond., long bed, $5,900. '83 Ford F150, 300 6 cyl., 3SP w/overdrive, 26,000 mis., $5,400. 717-733-0623.

For Sale: 1978 Demco combine trailer, 8' wide expands to 12' wide, heavy duty, very good condition. $4,500. 301-348-5247 call after 6 p.m.

For Sale: 1978 Dodge 150 Pickup. 6-cyl., $2800. Call 717-949-6817.

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10-1976 Budds, 45', 13'6" exterior, post trailers, fixed tandems, 101" rear door openings, 11x24.5 Budd wheels, many with new tires, current PA license and inspection, road ready. Call Dave at Seeco, Inc., 215-948-8055.

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1985 GMC Sierra, dual wheel crew cab pickup, 6.2 diesel, 4 speed, PS, PB, air, AM-FM, dual tanks, camper package, 10,000 GVW; '84 Ford XL F250 4x4 Super Cab pickup, 460 auto., PB, PS, air, AM-FM, trailering package, excellent condition. 717-733-2873

200hp Model 1150 Ca' engine for sale. 35,000 miles complete with starter, alternater, radiator, clutch bell, etc. Also, have one 5-speed transmission for C-O 700 Series Ford truck, Spicer model #5652. Also, 2 rears, one 26,000 lb. One 22,500 lb. 717-687-7574 evenings

2-1979 Ford LN9000, 238 Detroit, Fuller RT910, 12,000 lb., FA, PS, 23,000 RA, new Good Year 11x22.5 radials, low mileage, current PA inspection and licensed Call Dave at Seeco, Inc, 215-948-8055.

3-1974 IHC Model 2010A tractors, VS478 engine w/10-speed trans. and single-speed 23,000 lb rear, currently licensed and inspected, excellent condition. Have same model units for parts. Call Dave at Seeco, Inc, 215-948-8055.

FOR SALE: Cab & Chasis, 1977 Int. F2010, 10 wheeler. 138" cab to tandem, 16,000 lb. front axle, 44,000 lb. tandem, 1200x20 rubber, 549 gas engine w/13 speed road ranger. Can be licensed in PA for 58,400 lbs. Will accept 18' bed. 717-653-2510.

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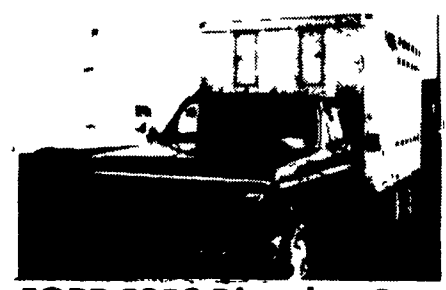

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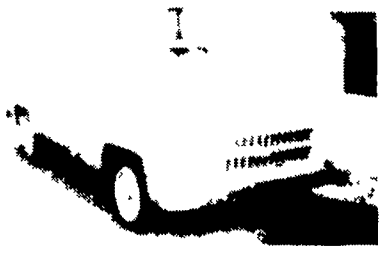
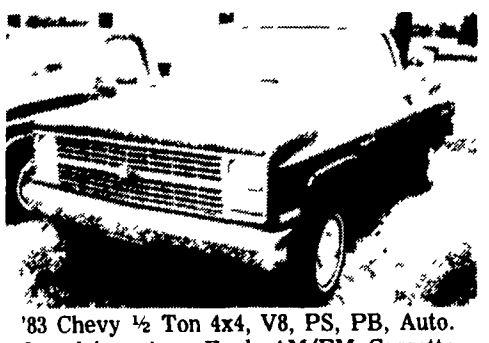
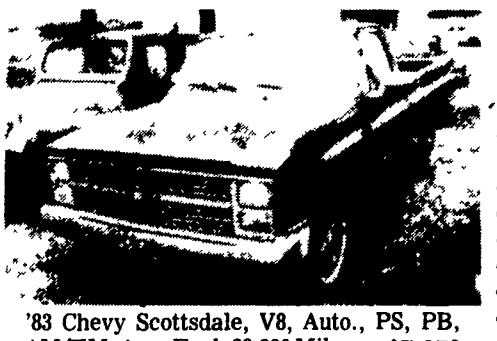


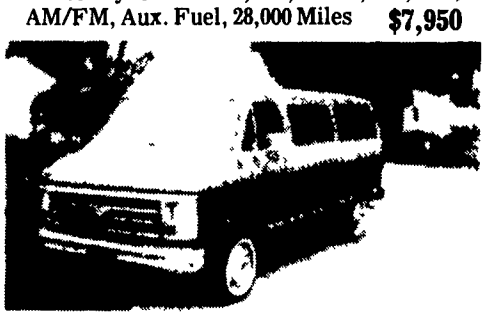
'82 Chevy Silverado Diesel, ½ Ton, AT, PS, PB, Air, AM-FM Cassette, 2 Tanks **$6,500**



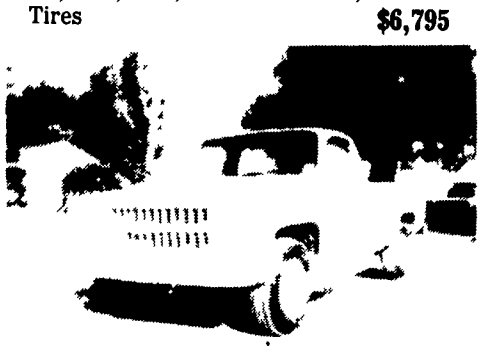
'83 Chevy ½ Ton 4x4, V8, PS, PB, Auto. Overdrive, Aux. Fuel, AM/FM Cassette Player, 36,000 Miles **$8,850**



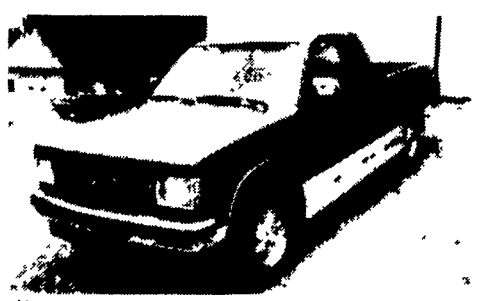
'83 Chevy Scottsdale, V8, Auto., PS, PB, AM/FM, Aux. Fuel, 28,000 Miles **$7,950**



1979 Chevy Beauville 8 Pass. Van, AT, PS, PB, Air, 2 Tone Paint, Radial Tires **$6,795**



'82 Chevy Silverado C30, 9000 GVW, Regular Gas, 4 Spd., PS, PB, AM-FM Cassette, 29,000 Miles, Ex. Condition **$8,250**



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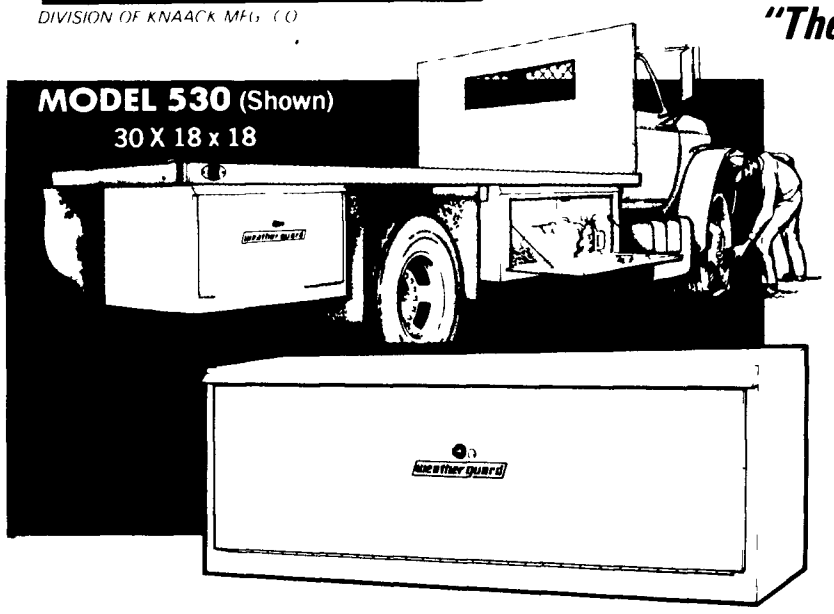

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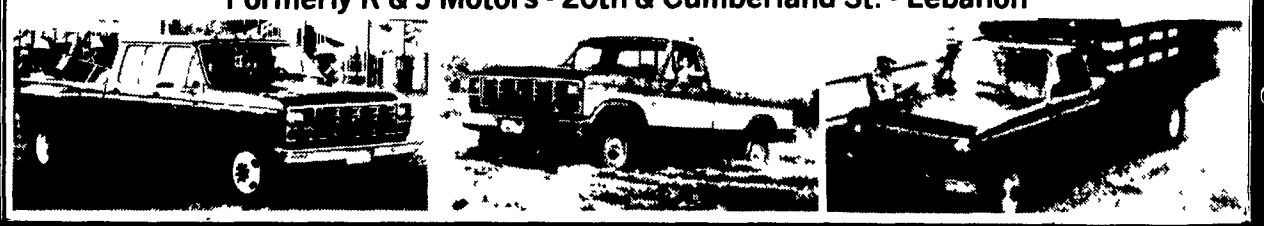

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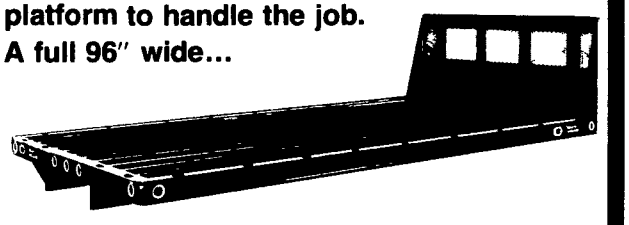

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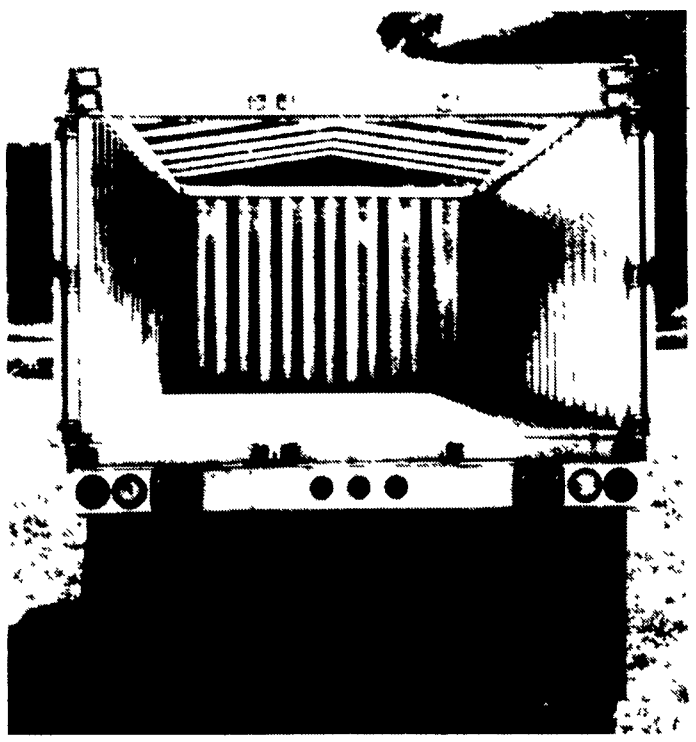

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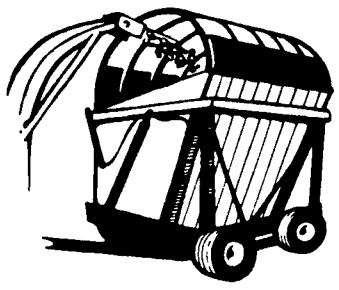

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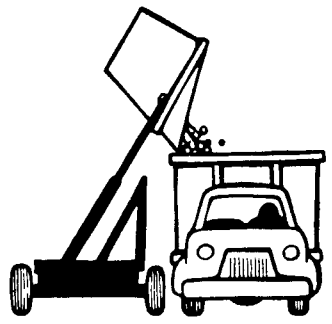

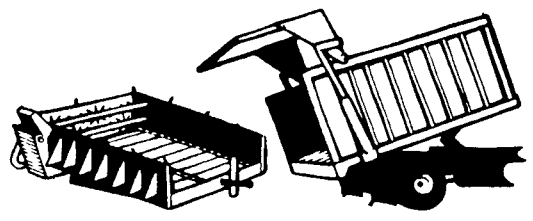

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Farm For Sale: 60 acres in Numidia area, Columbia County, 2 story 3 bedroom home, large 3 story poultry house, automatic equipment, roaster or broiler, contract available, machine and storage buildings, 40x120' pole building, good well and spring water. 717-799-5693

FOR RENT: Dairy farm or barns, plus room 120 head, milk average available. Sold herd 8/8/85. Baltimore Co., MD. 301-692-2323.

FOR SALE: Farm lower Juniata Co., over 7 acres/more available. 717-589-3030.

For Rent: Dairy barn w/double 4 Herringbone parlor, computerized feeding system, capacity up to 150 milking head. 215-869-2116

Sherburn, NY. 122 acre dairy farm, house, large barn and equipment. $74,000. to settle estate 201-766-5338

UPSTATE NEW YORK: 50 cow barn w/horse stalls, silo, bulk tank, 170 acres, hay/corn land, cheap electricity, $85,900 Moonan's Realty 315-942-4824 or 346-1466.

WANTED: Someone to raise & remove 2 story brick building from the First United Methodist Church parking lot, Carlisle. Ph. 717-243-6195, 717-243-4563, 717-249-4729.

WANTED TO RENT: Small barn and fenced pastures for small horse operation. Reading Area. Possible lease/purchase on secluded 10-20 acres w/no buildings. Send details to Lancaster Farming, P.O. Box 366, L-68, Lititz, PA 17543.

WANTED TO RENT for Spring of 1986. Farm large enough for 80 to 100 cows. Southern Lancaster County if possible but will relocate. Lancaster Farming, P.O. Box 366, A-61, Lititz, PA 17543.

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10 to 100 acres in Landisville - Manheim area.
Send Details To:
Lancaster Farming
P.O. Box 366 L-72
Lititz, PA 17543

BRADFORD CO. DAIRY FARM FOR SALE
40 stall barn 110 acres, large house, 2 silos. $130,000. Cattle & equipment also available.
Phone
717-673-3021

STAR REAL ESTATE
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CLINTON CO.:
80 acres Dairy Barn 36x175 w/Loft Four Silos Two Story horse stable w/nine stalls Other equipment sheds and maintenance shop Two story four bedroom home Four car garage Fronts on Rt #150 Public water and sewer available

CLINTON CO.: 122 acres, 130x50 ft metal barn and equipment sheds Four bedroom home Equipped for one man operation Owner retiring will sell all equipment & beef stock Will finance with low rates Approx 20 miles from Penn State off Route #64
Evenings:
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48 acre Mahoning Valley Farm, 9RM farmhouse, separate tenant's house, milkhouse, horse barn, etc. Location overlooking valley and country club, approx. 30 acres clear, other farms also. GENE DURIGAN REALTOR, 301 South Third St., Lehighton, PA 18235 215-377-4488. After 5PM 717-386-5108

GENEVA, NY 15 mis. N. Penn Yan, 122 acres, approx. 95 acres tillable. 2 barns suitable for livestock. Farm is 95% fenced w/American wire fencing. Good supply of spring water $78,500 Contact Donald Yahn, Salesman, 716-494-1647, HARRIS WILLCOX, INC., Brokers, 716-494-1880

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CORTLAND CO., N.Y. Operating Valley Dairy Farm 265 Acres, ½ tillable 62 Cow barn, 20x60 silo, bulk milk tank, barn cleaner BEAUTIFUL VICTORIAN HOUSE On state highway, 1 mile from town Stocked & equipped or bare. $165,000 bare or $230,000 complete
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CLINTON CO., PA, PROPERTIES
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One-of-a-kind 224-ACRE FARM with beef operation, 5 large automatic feed silos, large pond & Yellow Breeches Creek frontage, excellent location Call for details $750,000

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FOR SALE: Specially priced 341 acre dairy farm, free stall, milking parlor, excellent water, exceptional Colonial house Rt 80, Smyrna, New York 315-691-3591 eves

FOR SALE: 106 acre prime limestone farm House, barn, outbuildings House needs some work, $180,000 Cumberland Co., PA 717-423-6208

For Rent: 2 bedroom apartment on small farm near Elizabethtown, Pa. Rent reimbursement for help in 60 sow and baby pig unit. Future investment opportunity for right person Available September 1st 717-653-9617 or 717-865-5080

For Rent: 70x184' Quonset Hut Building, easy to get to If interested please call 215-298-2413

GETTYSBURG
Near MD line, dairy farm, 142 acres, good crop land, 80 free stalls, double 4 milking parlor, 20x70 Stave silo, large bunker silo, good home, beautiful grounds, pond $275,000. #16000LF Other farms & acreage available.
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175 A. Modern Dairy Farm, 40 stalls. Also, box stalls. 2 Silos. Bunk feeder, nice farmhouse, buildings in good condition. Owner anxious to sell Asking $185,000.

50 A. good farmland, will finance.

20 A. woods with stream, good access.

34 A. part woods, road frontage, development possibilities. $1450 per A.

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Springfield Township, modern Shalet, 3 bdr., open loft, fireplace, 2 car garage, small barn, on 11 + acres. C-105

Big Valley, 3 bdr. Rancher, barn w/18 box stalls, 24x36 steel building, 16 acres pasture w/spring run, scenic view. C-109

Shade Gap (on 522) 2 story 3 bdr. home, modern kitchen, spacious living room w/fireplace and bow window, diningroom, sewing room, bath, 8 rooms total, oil forced h/a heat and wood burner comb., garage, barn, block utility building, 44 acres, w/some timber and pulp wood. C-123

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#1976W-261 acre dairy farm, large 50x80 bank barn for 60 head, 800 gallon bulk tank, 2 concrete stave silos (1) 18x50, (2) 14x30 both with unloaders, large 40x120 pole shed, Large 2-story dwelling, 4 bdrms, and extras. Farm complete with cattle and equipment, owner financing, turn key operation. $390,000

#19710-Starter farmette with 41+ acres on beautiful grazing land, fenced with barn. 3-4 BR farmhouse in good condition. $55,000

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CAMP on 2 3 wooded acres, near State Game Land $21,500 (M1642)

120 AC. woods/meadow/private $59,500 (M1644)

29.56 AC. near recreation lake, woods/open outstanding views $18,000 (M1655)

FARM 71 tillable acres, 2 barns, pond, remodeled farmhouse, hard road $74,500 (M1671)

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108 AC, ¼ woods, 2/3 tillable private setting, $45,000 (W748)

GEODESIC Dome on private airstrip & ski slope $59,500 (W766)

CAMP on 42 acres woods/stream, more land available $25,000 (W815)

FARMETTE - farmhouse & barn on 33 3 ac v private $36,000 (W818)

MOTEL & coffee shop in Pine Creek Valley, State Land, $110 000 (W849)

14 AC RETREAT - new 3 BR rancher on dead end road $39,500 (W852)

CAMP, barn, garden 3 AC retreat $14,500 (W889)

DAIRY FARM 100 ac All tillable, 4 silos, equipment shed, milking currently, 3 BR new home $130,000 (W902)

RETIRE 3 BR rancher on 4 wooded ac , nr Grand Canyon of PA $55,900 (W932)

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Barn within 10 minutes driving time of Denver, PA. Minimum 2700 sq. ft. Under roof with open lot.

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Northern Juniata County

100 acre farm, 40 acres tillable. Near Richfield with beautifully remodeled, 2 story house with new addition. 4 bedrooms (1 down, 3 up), 1 full bath, two ½ baths, 18x27 living room. Super insulated, low heat cost. 2 car garage. Modern kitchen with top of the line appliances and intercom. 24x24 barn with meadow, 2 springs and stream. Could have a pond or lake 27 acres with spring Could be sub divided by new owner for cabin or home sight. Ideal for a country home, horses or livestock Good hunting area Hard road frontage. $139,900

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FRANKLIN CO.

New Listing

50 acre general, limestone soil 40 tillable, 8 pasture and wooded, small bank barn, 2 story brick (4 bedroom) dwelling 1000 ft road frontage Shippensburg area

155 acre modern dairy, limestone soil, 112 free stall barn w/feeder, double 6 parlor w/six weigh jars, 3 silos (2 sealed) Schwartz 680S mixer 2 bank barns 2 story frame dwelling (4 bedrooms)

CUMBERLAND CO.

186 acre general farm, 150 acres crop land, mostly level to rolling productive murrill & duffield soil, large bank barn, wire cribs metal grain storage w/fan, silo DWELLING is in need of repair Frontage along Yellwo Breeches Creek & approximately 8,000 feet along 2 township roads Located SW of Carlisle

95 Acre Horse & Beef Farm sandstone soil (Walnut Bottom Area) 17 acres wooded well built 16 stall horse barn ground floor barn 6 bay implement storage 2 story Colonial brick and aluminum dwelling This property is secluded and adjacent to mountain for riding

72 acre general, pole barn 4 bedroom brick dwelling nice road frontage

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New York - 360 acres, 155 in alfalfa and corn, 100 in pasture; 100 cow barn, 2" pipeline, 1000 gal. tank; silos; heifer barn; additional housing. Reduced to $135,000. $35,000 down to qualified buyer.

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Excellent camp, 10x55 trailer on 5 acres, spring & electric. Walk right into State Land across dirt road Good hunting area. $13,500 W-951

80 acres all wooded, stream running thru Excellent hunting. ½ mile from State Lands with Twp. Road Frontage - Asking $475 per acre. W-964

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DAIRY FARM

283 Acres, 130 tillable, 48 stalls, box stalls, garage, silos, mach shed, farm pond, double house with 5 bed , plus much more One for the investor at $120,000!

2 10 acres wooded hunting lots $3 6000 plus many other recreational, operating farm and home properties

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717-724-3500 or
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Summit Station, 10 acres. 3 BR home plus 3 rooms and bath, large deck, cabin and 2 car garage. Only $39,900.

DRIVE-IN THEATER

Ashland - 15 commercial acres. Rt. 61, only 3 mis. from I-81. Excellent Location. Must see. $117,500. Owner Financing.

LAKE FRONT

3 BR Chalet, 2 baths, garage, wooded. $67,500. Has motor boating, sailing, fishing, swimming, clubhouse.

HUNTING

Ashland - 10 acres. 4 BR ranch home only 11 yrs. old. Needs work, but only $29,900

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15 Acres in secluded Mt. Pleasant Mills area, adjoining State Game Lands. 1 mile off main highway. New house, 32x40 w/drilled well, small barn 24x20, new rabbitry with good working herd and established market for meat. 75¢ per lb. year round. Priced to sell.

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between 7 & 4

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192 ACRE DAIRY FARM
192 Acres M/L 110 acres tillable Very nice farm house large modern kitchen formal dining room family room and more 60 cow bank barn with calf nursery 20 tie stalls 3 box stalls 2 machinery sheds 3 silos All buildings well maintained Great farm country located in northeastern Pa $185 000

80 ACRES M/L SCHUYLKILL COUNTY Just Reduced
Superior farm loca... Grove area Modern 4 bedroom farmhouse h... amic bath large bank barn est 65 acres till... hard road frontage pig pen chicken house utility garage This property has had meticulous care and shows it Now $137 000

SOLD

40 ACRES
Hegins Area modern farmhouse nice clean property large stream 30 acres farmland some timberland $67 000

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We are looking for sales people state-wide If you are an honest sincere, individual interested in serving the farm community in your area, call "SLIM" for a confidential interview Can be full or part time

Near Breezewood; 2 Ac., wooded. $7500. F-615.

1982 MH on lot near McConnellsburg, Fulton Co.; near PA turnpike. $26,000. F-618.

A-frame cabin on 3+ Ac., south of McConnellsburg, Fulton Co., private. $38,000. F-622.

10 Ac., Bedford Co., good hunting area. $10,000. B-577.

17 Ac., northern Fulton Co., $11,000. F-582.

1.54 Ac. building lot, Bedford Co., $18,000. B-555.

15 Ac., Bedford Co., $24,000. B-556.

3 BR house/garage, Hustontown, on 1 Ac., m/l, $23,500. F-483.

Century 21

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Realtor-Associate, Jane Y. Martz,
717-485-5521

RESIDENTIAL REAL ESTATE SALE

The Executrix of the Robert J. Penny Estate is offering the decedent's residence situate at R.D. 3, Mifflintown, Pennsylvania at private sale:

Privacy plus describes this charming home atop 3½ acres, stone pillared entrance and paved drive leads to a spectacular wooded setting; 7 room home including 2 baths, mahogany family room with stone fireplace and enclosed sunporch; 2 car garage; ideal location outside of Mifflintown yet within 10 minutes of all essential services; city water; 50 minutes from Penn State games.

If you enjoy a rural setting with all the amenities of town life don't miss this property.

Interested parties may make arrangements to inspect the property during the week of August 18-25, 1985, by contacting the Executrix, in advance, at 717-244-4240. For more details or inspections at other times contact Barron & Zimmerman, Attorneys, at 717-436-8221, or the Executrix.

ROBERT J. PENNY ESTATE
By LOLA P. POFF,
Executrix

BARRON & ZIMMERMAN
Attorneys

OWNER SAYS SELL - Reap the benefits of this two unit farm operation presently used for crops and beef, 179 m/l acres, two family Brick home (Historical), hydrophonic greenhouse, two barns, pond, road frontage, lots more! $239,360. (420)

Blueberry Patch Special - 12 acres, trout stream, 3 bedroom house, barn, garden area. (413)

Old McDonald Special - Partially remodeled home, barn, outbuildings on 5 (or more) acres. $36,000. (402)

Two Unit Poultry Farm - Includes house and equipment with 55 acres. Owner health forcing sale. (401)

Middlecreek area - Snyder Co. 125 m/l acre farm, two houses, barn and outbuildings. Possible owner financing. (397)

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McClure, Pa.

SUMMER SPECIALS
LEWIS COUNTY N.Y.

Illness forces sale of this 219 acre farm complete with cattle and machinery. Sacrifice price of $175,000.

94 acres hard maple sugar orchard complete with all sugaring supplies with Maple Syrup $1.40 per pound in the barrel. You can't go wrong at $30,000. Investment property.

91 acres of prime woods with a 25 by 35 foot log home on real quiet privacy at $45,000.

240 acres of land with 4300 feet river frontage on black top road with electric, $50,000 with good terms. Int. at Ten percent.

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230 acres, 164 tillable, $420,000
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Reduced!! Owner Financing at 10% Interest
Franklin Co. - near Concord-Showplace
150 acres, 110 tillable, Amish neighbors, remodeled home, new 16 stanchion dairy barn w/pipeline milkers & bulk tank $169,000 Will Take Any Reasonable Offer. Call Peter

Southern Northumberland Co.
Modern 200 Sow farrow to finish, Harvestore, 100 acres, 2 homes, plus 17 acre apple & peach orchard 4-12 yrs of age $329,000 Owner financing — **Low Low Down** — at 10% interest Call Peter
230 acres, 160 tillable, no home, 45,000, 3 yr old Christmas trees, $1,550/acre Lease option, No down Will Divide Call Peter

Reduced!! Make Offer
150 acres, 115 tillable, Harvestores, feed lot for 200 steers $189,000 Call Peter

25 acres,, trout stream, ½ woods, ½ tillable $1,500 per acre No money down Call Peter

Upper Dauphin Co. - Lykens Valley
70 acres, special farm, $75,000 home and new barns, shop for combines and grain bins $169 000 No Down Call Peter
100 acres, dairy barn, new tobacco barn, 85 tillable, nice level land, 3 to 4 bedroom home, excellent owner financing, 9% interest Low Down $179,000 Call Peter
90 acres, 85 nice level tillable, 3 bedroom home barn $175,000 Owner financing Call Ralph

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Ralph Deibler, Salesman 717-692-2587

109 Acre Dairy Farm

near Chambersburg, PA 44 stanchion barn, 90 free stall barn, other buildings. 4 silos with unloaders, 2 Harvestores, milk equipment 12 room house, insulated with siding 2 baths and lavatory, oil heat Close to plain church and school JD equipment dealer near by

$210,000
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FARMS!

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182 ACRES...dairy farm with modern 60-stall barn, 3 silos, over 100 acres tillable.

60 ACRES... general crop farm with good house and barn. Mostly all tillable.

50 ACRES...horse farm with stone farm house and good barn with horse stalls. Mostly all tillable.

140 ACRES... modern beef farm with 3 silos, modern barn with 200 head capacity. 120 acres tillable.

73 ACRES...gentleman's estate, excellent buildings, stone farm house, pool and approved airfield.

Schuylkill County...

150 ACRES... Christmas tree farm, excellent buildings, 37,000 trees, many over 6 feet.

80 ACRES...gentleman's estate, exceptional house and barn, 1 acre lake, 8,000 Christmas trees, lots of woodland.

22 ACRES... with bank barn and excellent soil.

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NEW GERMANTOWN, 8 room mobile home and frame addition with wall to wall carpeting, oil baseboard heat, beautiful interior, large 2 car garage with lots of work space, approx ¾ acre **Asking $27,000**

NEAR LOYSVILLE 1.3 acres with 52'x12' trailer and partial addition, new well and 1000 gla. septic, gas stove and refrigerator included, immediate possession, school bus stop, **Asking $18,500**

JUNIATA COUNTY - Woodside Roller Skating Rink, restaurant and living quarters, fully equipped on 4 acres along Rte. 75 near Honey Grove - includes skates, sound, lights etc. and restaurant equip. Living qtrs., oil hot water base board head, 3 bedroom large main room, wall to wall carpeting w/breakfast bar, 3 room cabin, fruit trees, frozen custard optional - call for details.

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140 Acre Farm features lovely 2½ story stone home, modern kitchen, dining room, living room, center hall, 4 large bedrooms & bath, large bank barn, 2 large machinery sheds, small horse barn, large storage bins, gently rolling land with pond & stream. $460,000.

76 Acres General Farm - 2½ story brick farmhouse, needs work, 2 story bank barn, double corn crib, large stream, private setting, $150,000.

LUZERNE COUNTY

121 Acre Dairy Farm features lovely center hall, colonial home with 4 bedrooms & bath, modern kitchen, formal dining room, living room, family room. 565 Comfort stall barn with Pipeline Milker, barn cleaner, bulk tank, 20x60 concrete silo with unloader, 2 story heifer barn, large pond. Possible financing available to qualified buyer. $235,000.

SCHUYLKILL COUNTY

234 acre woodland tract, joins state gamelands, borders Rt. 81 & secondary road, Pine Grove area, good hunting area, call for details, $175,000

OTHER FARMS AVAILABLE
Please Call and Tell Us Your Preference

PAUL M. LONGACRE
Rt. 100 Hereford, PA 18056
Ph: 215-679-5919

TIOGA COUNTY

800 Acre Dairy Farm 400 T 2 very good, lovely homes 83 stall dairy barn Steel pipe line, 1000 gal tank and barn cleaner (2) 16x60 and (1) 14x40 silos with unloaders Large heifer barn $365,000 Full line of machinery and cattle available

NORTHAMPTON COUNTY

78 Acre Beef Farm with large modern 2 story steel barn, bunk feeder, 2 Harvestore silos, divided fenced pastures, machine shed, lovely stone home with large modern kitchen, large living roo with fireplace, 2 bedrooms, 1½ baths, also apartment with kitchen, bedroom, living room and bath. Owner Financing Available $325,000

SNYDER COUNTY

186 acre dairy farm, 100 T, features modern 60 free stall barn w/milking parlor, 2 story heifer barn, and large machinery shed. 20x60 and 20x70 Harvestore silos, lovely 2 story home with 3 bedrooms, kitchen, large living room/dining room, laundry and bath $210,000 Also full line of machinery available

BRADFORD COUNTY

110 Acre dairy farm, 80 tillable, 35 stall dairy barn with dump station, barn cleaner, 400 gal tank, 18x55 silo and 14x60 silo with unloaders and 14x32 silo, heifer barn and out buildings Large home with 5 bedrooms, kitchen, dining room, living room, laundry and 2 baths, $150,000 Also cattle and machinery available under separate contract

100 acre, 80 T dairy farm, features 54 stall barn, barn cleaner, 16x50 and 16x60 silos, 20x30 Harvestore silo, w/unloaders, 60' bunk feeder, large pole barn, 800 gal bulk tank, lovely 7 room home w/modern kitchen and bath, all for $150,000 #376

5 acre Dairy Farm Modern 74 stall dairy barn Bulk tank, steel pipe line, barn cleaner 20x32 Harvestore silo and 20x60 concrete silo Manure storage. Modern Ranch home with 4BR's, Kit., DR, LR, Bath and Den $145,000. Also second house available.

SUSQUEHANNA COUNTY

520 acre dairy farm, w/120 acre approved land fill, 165 acres tillable new 69 tie stall barn, 20 free stalls modern milking parlor & liquid manure system, 2 large sheds large main dwelling & 2 double houses and trailer 24x65 concrete silo, 20x80 and 20x40 Harvestore silos 105 cows 35 heifers, 3 large bull dozers and full line of machinery, lock stock & barrel $1 500 000

437 Acre ultra modern dairy farm with 2 homes 6 ponds good tillable ground large fenced pastures & more New ultra modern 85 comfort stall barn with pipeline milker, 1500 gal bulk tank, graded barn cleaner office & more 2 large dry cow heifer & calf barns, 2-20x70, 1 14x70 1 14x60, 18x60 & 13x40 concrete silos w/unloaders Large stately centerhall home w/4 bedrooms, LR, DR, large country kitchen & 2 baths 2nd modern ranch house w/3 BRs, kitchen, LR & bath Must be seen to be appreciated $455,000 Also, full line of machinery available

265 Acre modern dairy farm w/2 houses, 115 comfort stall dairy barn with pipeline milker, 2 large bulk tanks, barn cleaner, 3 large concrete silos, large free stall heifer & dry cow facility & large machinery shed, calf barn, lovely split level home features modern kit , formal DR, LR, family room, laundry, 2 baths, 4 BRs Large in-ground heated pool 2nd 2 story home, modern kit , DR, LR, family room, 3 BRs, 1½ baths Also, large new trailer 200 Head of dairy cattle, modern line of machinery including several large tractors All for $600,000

MONTGOMERY COUNTY

82 acres, 65 till , balance woodland & pasture w/stream, general farm, 2½ story 5 bedrm house /LR, DR, Kitchen & bath, bank barn & other buildings, ~~$250,000~~. $235,000

60 acre general farm, Boyertown area, lovely new 4 bedroom colonial w/large eat in kitchen, living room, dining room, sunken recreation room, den & 2½ baths and a private setting. $265,000

GETTYSBURG, PA

138 ACRE OPERATING BEEF BREEDING FARM - Dwelling has 3300 sq ft , charming and handsomely done Barn. Wickes Bldg $395,000 (M9-417)

PANAROMIC SETTING - 98 acre farm, 3 bedroom home, 90x45 bank barn $185 000 (M9-364)

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DAIRY FARM
202 Acres

Cumberland County - Walnut Bottom (near Carlisle)

185 tillable acres level, rock free, fertile soil - two story barn with 65 - 75 milk cow capacity 16x30 heifer barn, 40x80 loafing barn, 2 silos (20x60 & 24x70) with unloaders, 5 bay implement shed, pipeline milker, milk house with 800 gal. bulk tank, new 400 amp service, automatic bunk feeders (100' long), 2 ponds and good well. Dairy market available.. Extensive hard road frontage bisects farm Two dwellings - beautiful 12 room two story and modern 9 room rancher Unusually attractive terms available $410,000. Call Gale Bear at 717-258-6821 or write to 19 N Baltimore Street, Dillsburg, Pa. 17019

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MANHEIM TWP., LANC CO.
100 Year old stone home with living room fireplace, 4 BRs, spring house, pond, very good condition. Priced below replacement cost. $144,500.

4½ ACRE FARMETTE
NORTH OF EPHRATA
Barn for sheep, horses, etc. Charming Colonial 2 story home, tastefully decorated, including custom made kitchen, 4 bedrooms, 2 car garage. Recent price reduction, $99,500.

MODERN DAIRY FARM!
REDUCED PRICE — BRING OFFERS
(Must Be Sold!)

128 Acres up to date dairy facility Drastic price reduction 64 Tie stalls, pipeline, cleaner, tank unloaders & plenty of room for young cattle Just off Lebanon Co line in Berks Co Financing available, full possession price to sell at $269,000

Quick possession Juniata Co 18,000 Turkey capacity plus 60 acres for steers & hogs, 24 stall farrowing house 5 year old farmhouse plus 2nd house as rental income This is an income farm, priced at $275,000

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#81 100 ACRE SCENIC DAIRY FARM - 30'x80' barn, workshop, tool shed, home with 3 bay garage. **PRICE $81,000**

#91 185 ACRE DAIRY FARM - 36'x100' barn, beautiful ranch home **PRICE $120,000**

#1 400 ACRE DAIRY FARM - 100 cow barn, substantial commercial property, large farm home, tenant home, other outbuildings **PRICE $280,000**

#98 228 ACRE DAIRY FARM - 30'x100' barn farm home, tool shed, full line of machinery **PRICE $250,000**

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BEAUTIFUL FINGER LAKES AREA

SO. TIER - 625 ACRES - til , 100 A Forest, 200 cow barn, D'ble 8 milking parlor, 3,000 g bulk tank 3 silos, calf barn, outbldgs #2043

NEAR FINGER LAKES - 580 ACRES - 400 a til , 150 a pasture, 99 freestall barn walk thru milking parlor, heifer & dry cow barns, outbuildings, ponds, stream 10 rm home $350 000 #2163

SOUTHERN TIER - 285 A., 145 a til , 140 a wooded, 2 barns, outbuildings, some equipment 2 story home $95,000 #2177

PRATTSBURG - 152 A. HISTORIC FARM - 1817 colonial 6 bd rm home exc condition, original plank floors, 3 large barns, some original to farm Reduced to $110,000 #2302

SO. TIER - 100 A., 65 a wooded, 2 story home, barns, outbuildings, active sand and gravel barn $75,000 #2317

SO. TIER - 85 AC., partly wooded pond, 2 barns, machine shed 2 silos 12 rm early Am , 5 bd rm home restored in exquisite style $75 000 poss terms More acreage available #2176

SO. TIER - 30 A., LARGE PILLERED HOME in excellent condition Barns silo, pond More acres plus forest avail Liberal owner financing avail #2329

SO TIER 27 A HOBBY FARM - 2 story partly insulated barn w/elec & water wood heat Marsh for waterlife Extra hook up for mobile home 2 story el American home w/many built ins wood supp heat Low $40's #2282

SO. TIER - 50 a gentlemen's farmette 35 a til , 15 a wooded **spectacular view of 3 lakes** newer barn, poultry house, 2 story 4 bd rm home w/1 5 baths, updated mod kit wood supp heat Price reduced to $67,500 #2264

NEAR TROUPSBURG - 113 a 40 a wooded, balance open 1500 ft rd frontage, stream pond site $28,250 #2326

NEAR TYRONE - 800' rd frt 300 lake frt Barn inspiring view Low $20's #2260

ADJACENT TO LAKE KEUKA - 50 a partly wooded road frontage overlooking Bluff Point Owner terms #2033

PRICE DRASTICALLY REDUCED! 50 a Xmas tree farm in time for the fall harvest southern slope, stream thru property some hardwoods Room for expansion Liberal owner terms A steal at $23 000 #2185

BUSINESS OPPORTUNITIES

NEAR SO. TIER EXPRESSWAY - 80 A Camp ground party hall, large enough to accommodate 400 people, 70 campsites w/room for expansion 10 a lake boating fishing pool, campstore liv quarters storage barn enclosed pavillion liberal owner terms #2213

NEAR SO TIER EXPRESSWAY - HEALTH SPA-RACQUET BALL COURTS, saunas, whirlpool exercise/workout rm showers lockers office lounge, 3 bd rm living quarters Excellent owner terms #2214

NEAR FINGER LAKES - Mom and pop grocery 3200 sq ft building equipped Owner terms avail #2288

NEAR SENECA LAKE - Combo country store greenhouse mail order business Liv quarters extra home $35 000 Terms can be bought in separate parcels #2349

OFF SOUTHERN TIER EXPRESSWAY 5 8 A commercial site surveyed 400 road frontage electric available Terms Additional acreage available #2203

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CENTRAL PA FARM LISTINGS

CENTRE COUNTY

(NEW LISTING) GENERAL FARM - 143 acres (28 tillable 40 pasture 73 woodland) excellent remodeled 2½ story home bank barn enclosed steel implement shed and other sound outbuildings 18 miles from State College Additional land available $189 500

(NEW LISTING) GENERAL FARM - 184 acres (20 open balance woodland) sound 2 story house several pole type implement sheds hay storage shed other outbuildings Secluded setting easy access good hunting 8 miles from State College $123 500

LAND - 104 acres (80 clear of which 50 are tillable balance wooded) 2 3 miles of stream frontage magnificent view excellent hunting Suitable for organic farming (no chemical applications for 15 years) $72 000

FARMETTE - 10 acres with large stone house built in 1800 s large barn small stream Near Centre Hall $99 500

FARMETTE - 10 acres with a SOLD llent 4 bedroom 8 year old house bank barn in good condition new pole building small stream Near Centre Hall $139 500

RECREATIONAL FARM 120 acres (35 tillable 83 woodland 2 site) 2 story home 3 room cottage ban SOLD wood house smoke house chicken house and implement shed corn crib combination Julian area $94 500

RECREATIONAL OR FISH FARM - 137 acres (62 tillable balanced pasture and woodland) 3 large ponds large recreational building 2 story house (fair condition) 3 large ponds large recreational building 2 story house (fair condition) 2 trailers secluded setting Near Spring Mills $149 500 Ideal for fish farming

FARMETTE - 22 acres (15 tillable balance pasture) very nice 2½ story brick house sound bank barn garage small stream nice area Near Potters Mills $99 500

DAIRY FARM - 131 acres (109 tillable balance pasture and site) 2 story log house with aluminum siding bank barn with 33 comfort stalls pipeline milker milk house with bulk tank 18'x60' and 12 x45' silos good outbuildings -nice setting Near Millheim $249 000 Owner Financing

GENERAL FARM - 155 acres (117 tillable 32 woodland balance site, roads and stream), sound 2 story house, bank barn 32'x344 1 story poultry building outbuildings excellent producing ground small stream $212,500

CLINTON COUNTY

LIMITED ACREAGE HOG AND DAIRY FARM - 14 acres with a 2 story dwelling bank dairy barn with 37 tie stalls, gutter cleaner and bulk tank 14'x50' silo with unloader, 400 head capacity Nebraska style hog finishing building 3 bay garage/workshop $115,000 36 acres of tillable Hagerstown soil available at $1,500/acre **Owner Financing.** 9% interest, 28 years, no call provision

COLUMBIA COUNTY

HOG AND BEEF FARM - 233 acres (130 productive tillable, 19 pasture, 79 woodland) Excellent house, good barn adapted for farrowing and finishing hogs, outbuildings, nice setting $275,000 10% **Owner Financing.**

HUNTINGDON COUNTY

DAIRY FARM - 338 acres (202 tillable, 56 pasture and lowland, 78 woodland) sound 2-story brick house, bank barn with 37 tie stalls, free-stall barn with 51 stalls and bunk feeder, 20'x60' and 20'x50' silos, 15'x40' Grain-o-matic silo for high moisture corn, farm shop, heifer barn, 2 implement sheds, stream frontage, pipeline and bulk tank, silo unloaders, gutter cleaner Very well maintained $375,000 OWNER FINANCING

LIMITED ACREAGE DAIRY FARM - 35 acres (17 tillable, 5 pasture, balance woodland), 1½-story house, bank barn with 25 tie stalls, milk house with bulk tank, new free-stall barn with 30 stalls and bunk feeder, 14'x60' and 10'x50' silos, garage, implement shed, wire corn crib, stream frontage $75,000

LIVESTOCK FARM - 306 acres (approximately 140 tillable, 117 pasture 47 woodland, 2 site), 1-story brick home, 2 barns, garage, 2 silos, 2 large implement sheds, excellent water supply, 3 ponds $259,500 Additional land available

GENTLEMAN FARM - 103 acres (approximately 50 tillable and pasture 50 woodland), sound well maintained 2-story frame house, 18'x31- 2 story barn, very nice setting $99,500

DAIRY OR GENERAL FARM - 66 acres (55 tillable, balance pasture and site), sound 2-story aluminum-sided house, bank barn with 43 tie stalls, new gutter cleaner, milkhouse, new 40'x40' implement shed, 14'x60' Lancaster silo pond, swimming pool $115,000 Additional land available

RIVER BOTTOM LAND - 55 acres (45 6 tillable), frontage on old Route 22 substantial Juniata River frontage Ideal for truck crops and roadside marketing OWNER FINANCING $99,500

LYCOMING COUNTY

DAIRY FARM - 106 acres (87 tillable, 10 pasture, 9 woodland & site), Very nice 2½ story house, 2 story bank barn, mod 1 story dairy barn w/52 tie stalls, gutter cleaner, pipeline milker, milk house w/600 gal bulk tank, 20'x60' ribstone silo w/unloader, bunk feeder and 2 very good pole buildings Near Cogan Station $210,000

LIVESTOCK OR DAIRY FARM - Near Lairdsville, 270 acres (165 level, very highly productive tillable) Good 2 story house, bank barn, 60'x120' cattle barn suitable for freestalls, 20'x60' Harvestore, 2 streams **Owner financing** $325,000

RIVER BOTTOM FARM - 93 acres (71 tillable), excellent stone and frame house, sound implement shed, workshop building, large bank barn with 25 stanchions 3,500 bushel grain bin, substantial Susquehanna River frontage Class I land 10% **OWNER FINANCING.** Muncy area $250,000

RIVER BOTTOM LAND - 41 acres (38 tillable) with road frontage on Pa Route 405 This is a portion of the farm listed above 10% OWNER FINANCING $82,500

NORTHUMBERLAND COUNTY

FARMETTE OR LIMITED ACREAGE DAIRY FARM - 27 9 acres (19 tillable balance pasture), sound 2-story home, good 1½ story Cape Cod home, bank barn with 35 stalls, implement shed Near Milton $99,500

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LAKE RAYSTOWN
208 ACRE FARM FOR SALE
LINCOLN TOWNSHIP, HUNTINGDON COUNTY, PENNSYLVANIA
INVITATION FOR SEALED BIDS
IN RE: ESTATE OF FLOYD W. FOUSE,

Sealed bids are invited to be submitted at the office of Henry Corcelius, Gates Gill & Ody P C in person or by mail to arrive not later than 12 00 Noon on the 9th day of September 1985 at which time the bids will be opened

All bids shall be in a sealed envelope marked 'Fouse Estate Bid" together with a check payable to the Estate of Floyd W Fouse in an amount equal to five (5%) per cent of the amount of the bid No late bids will be considered

The premises being sold subject to this Invitation is a farm containing 208 acres more or less consisting of approximately 90 acres tillable land 38 acres pasture and 88 acres timber land situate 6 miles South of Marklesburg on both sides of U S Highway Route 26 Included in the premises is a barn and outbuildings The buyer will also receive title to the dwelling house on the premises and approximately one (1) acre surrounding the same subject to a life estate in favor of the widow of the deceased, Marie Fouse

In order to make arrangements to see the premises, contact the Executor Fred Fouse at (814) 658-3629 or Attorney John R Gates at (814) 643 2460

Possession on April 1, 1986

The Executor reserves the right to reject any and all bids

HENRY, CORCELIUS, GATES, GILL & ODY, P.C.
200 Penn Street
Huntingdon, Pennsylvania 16652
Fred Fouse, Executor

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FARM LISTINGS NEEDED
Farm Salesman - Eugene Kreider

NORTHUMBERLAND COUNTY - New Listing

Buy these 2 neighboring hog farms and work them together 80 sow hog operation on 30 acres and 700 fattening operation on 67 acres

LANCASTER COUNTY - New Listing

Bart Township, 33 acres level, no buildings Make offer

Nice dairy farm Bainbridge blue silos Priced very reasonable

INDIANA COUNTY - New Listing

Brush Valley 134 acres 90 tillable level high productive land plow all day and not hit a rock stream general produce farm

CUMBERLAND COUNTY

97 acre dairy farm Plus 200 head hog fattening barn

112 acres limestone setup for beef operations

Showplace 56 acres, very good buildings stream & woods, 15 acres tillable $97 500

24 acres pasture w/2 streams, 4 bdr brick house 1835, barn fenced for sheep All for $79,000

LEBANON COUNTY

172 acres, ideal spot for a new hog or chicken operation

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Sylvester Baum, Carlisle, 717-776-3967
Harlan Keener, Willow Street, 717-464-2669
Broker - J Irvin Denlinger
717-898-8962

Southern Huntingdon Co.

Dairy farm 175 acres w/150 acres tillable large barn w/44 stanchions 2 nice homes stream & good spring on property Many other extras $285 000

Dairy Farm 111 acres extra good home w/7 rooms & 2 baths Good barn w/27 stanchions Milk house & wagon shed $100 000 Firm

Colonial Real Estate Agency
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COMPLETE FREE STALL OPERATION 500+ acres with 350 tillable Newer barn has 104 free stalls dbl 5 Surge parlor w/auto take offs 3 large unloading silos including grain o matic 1500 gallon tank Nice Colonial home with fancy Center Hall Also tenant house plus mobile home INCLUDES 160 head with 4 tractors and full line of modern machinery $550 000 CALL WIMPLE S MELROSE OFFICE 518 663 8110

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500 ACRE REGISTERED GUERNSEY OPERATION all the tillable land is in alfalfa here but the farm grows good corn too Very good barn has 72 stalls plus heifer ell pipeline 24x65 unloading silo drive in loft w/room for 20 000 bales Modern kitchen in 4 bedroom owner s home Good 4 BR tenant house w/new roof INCLUDES 62 milkers (records up to 17 000 DHI) 43 YS nice line of machinery JUST LISTED! Only $280 000 For appt call Ed Townsend at 315 492 2578 I handle a nice selection of farms in the Syracuse area all sizes & prices I have just retired as a Farm banking officer with the Chase LIncoln Bank and am well acquainted with farms and their financing in the entire Central NYS area

SOUTHERN NEW YORK

"A DARN GOOD BUY" where can you find an investment like this 424 acres of gently rolling land with a 100 acre woodlot and the balance open and mostly tillable Barn milks 72 has cleaner, 2 large unloading silos, mow elevator and bunker silo Heifer barn Operating saw mill Good 10 room home Ready for cows move in and milk Only $125,000 with liberal terms For appt call 607 792 3355 or WIMPLE'S SLOANSVILLE OFFICE 518 875-6355

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Dairy or Beef Farm Old stone home spring gutter in basement Bank barn free stall barn silos secluded setting on 75 acres Large stream near Hanover York/Adams Co line $150 000 (L-4842 6)

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FARM DIVISION
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Lebanon Co., PA
Call: Nelson Ebersole
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717-949-2243

Lancaster Co., PA
Call: Victoria Swayne
717-665-6196

Bradford Co., PA
Call: Nelson Ebersole
717-273-9358

Write or call for Descriptive Brochure of Farms for Sale
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Annville, PA 17003

GEORGE R. HEATH
(717) 737-0002

Geo & wife Evelyn live at: 472 Woodcrest Drive, Mechanicsburg, Pa They have 3 boys, 3 girls & 9 grandchildren.

Geo. farmed in the 40's & 50's in Bradford Co. owned & operated a hardware store, has been Dist. Mgr. for Patz Co. (17 yrs.) & is widely known & respected among farmers and Agri business. Geo. is presently representing several equipment Co's in S.E. Pa., Md. N.J. & Del. Geo. will be glad to serve you in Cumberland, York, Perry & Franklin Counties.

JOHN M. BOMBERGER
(717) 649-5861

John & wife Dorcas live at RD#2, Box 94, Watsontown, Pa They have 3 boys and 1 girl. John along with his family farm approx. 550 acres and milk up to 180 Holsteins in Northumberland Co. John has been in farming all his life & sold Star silo's over the Eastern part of Penna John knows & understands the Agri business very well Call John for the upper Co's He is very familiar with the area John has a large farm listing inventory

PATRICIA KAUFFMAN
(717) 284-4340

Pat & husband Lloyd & sons live at: RD#1, Pequea, Pa Pat was born & raised on a farm and has been operating a 60 doe milk goat herd Pat, Lloyd & sons have & show horses and have many ribbons declaring their success. Lloyd is an independant dairy consultant. Pat attended Millersville University, was a staff reporter for Lancaster Farming and in the near future plans to move to Dauphin County on a larger farm Pat will be glad to help you in your farming operation decisions.

THANKS AGRI FRIENDS FOR 3 years of success

We thank you for your patronage these past 3 years. Our dedicated agents wish you a prosperous year in farming. For the past, we thank you and our wish and desire is for you to be a success in farming. If we can help you in this endeaver, call any one of these dedicated agents.

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SANFORD G. LEAMAN, REALTOR

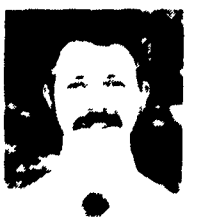
101 White Oak Drive, Lancaster, PA 17601

SANFORD G. LEAMAN, REALTOR - CAI AUCTIONEER
(717) 569-4264

Sanford & wife Irene live at 101 White Oak Drive, Lancaster, Pa Sanford & Irene have 1 girl & 2 boys. Sanford (Sandy) attended Penn State Ext. Courses, grew up and operated the family dairy farm for several years, owned & operated an appliance business from 1963-1969 & because of a back problem started selling R.E. & Auctioneering in 1969 Sandy became a Broker in 1973 & opened a R E Office in 1974 Owned a C-21 Franchise til 1981 Started a Farm R.E. Office in 1982. Sandy has a unique Auction Service & has held Auctions in Adams, Lycoming, Huntingdon, Perry, Northumberland Counties as well as Lancaster Co. Sandy has a wide farm business experience & is available to serve you at your request

KENNETH YOUNG
(717) 426-1098

Ken & wife Sue live at 55 Decatuer St , Marietta, Pa with daughter Susan Ken has been a farmer all his life and recently sold out for health reasons Ken's first love is farming so he felt farm R E is what he wanted to do, & Ken will do it Ken is very understanding and has a large farm listing inventory. Ken is a Penn State Graduate Ken will come to any area to help meet your needs



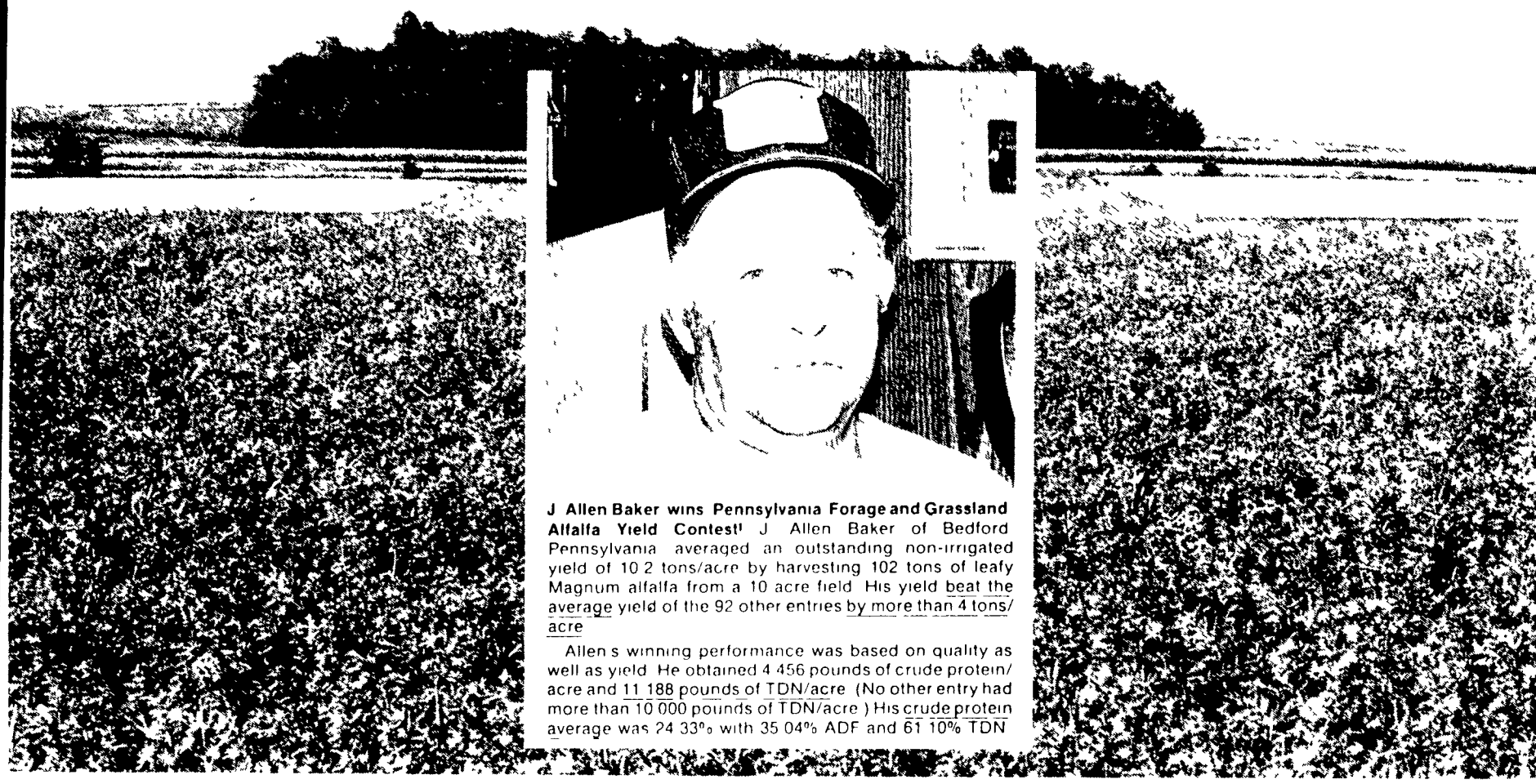
LeROY HIBBS
(717) 837-0265

LeRoy & wife Bonnie with their 3 children live at. RD#2, Box 149 Middleburg, Pa LeRoy is a Penn State Graduate with an Ag Education degree LeRoy for the past 24 years has been a farm management consultant & accountant LeRoy is presently doing an excellent job in Snyder & Union Counties. LeRoy farms as well with his family Call LeRoy, he is very knowledgeable & friendly

102 tons ÷ 10 acres = 10.2 tons/acre !

with

Dairyland Magnum



J Allen Baker wins Pennsylvania Forage and Grassland Alfalfa Yield Contest! J Allen Baker of Bedford Pennsylvania averaged an outstanding non-irrigated yield of 10 2 tons/acre by harvesting 102 tons of leafy Magnum alfalfa from a 10 acre field His yield beat the average yield of the 92 other entries by more than 4 tons/acre

Allen s winning performance was based on quality as well as yield He obtained 4 456 pounds of crude protein/acre and 11 188 pounds of TDN/acre (No other entry had more than 10 000 pounds of TDN/acre) His crude protein average was 24 33% with 35 04% ADF and 61 10% TDN

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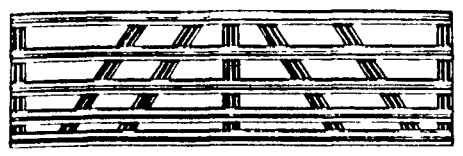
50th YEAR



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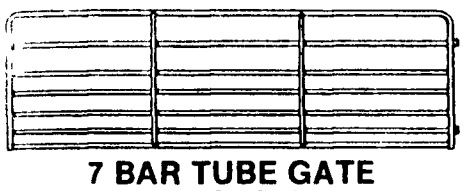

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7 Bar Round Tube Gate

10' Gate	39.99	12' Gate	41.99
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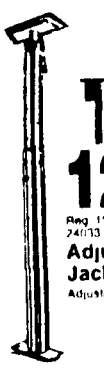

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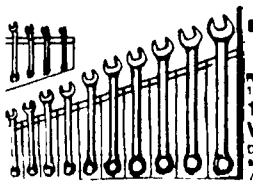

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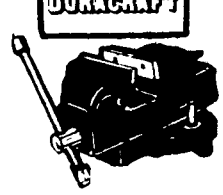

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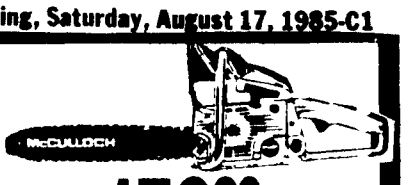

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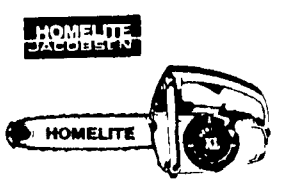
- Solid state ignition
- Displacement C.I.D. (cc) 2.3 (38) bar automatic or manual chain oiler, chain brake, hand guard, chain catcher and safety trigger



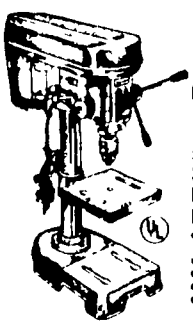
HOMELITE JACOBSEN

99.99

27918 098 / Mfg. Sug. List 124.95

Homelite XL® 10'

- 10" guide bar and chain
- Automatic chain oiling
- Rugged construction for lasting performance



DURACRAFT

79.99

3012 423

3 Speed Bench Type Drill Press

- 4" throat depth with drilling capacity
- 2" spindle stroke and depth stop
- All ball bearing, ½ Hp motor
- Slotted tilting table
- Heavy duty cast iron construction throughout

HOMELITE JACOBSEN

249.99

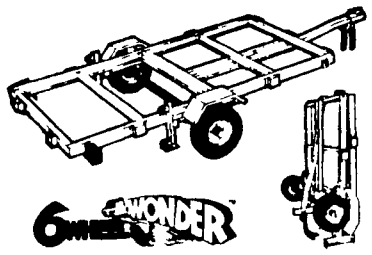
18" Bar / 28069 098
Mfg. Sug. List 299.95

259.99 20" Bar / 28069 098 Mfg. Sug. List 309.95

Homelite® 330 Chain Saw w/Case

- Powerful 3.3 cu. in. (53.6cc) engine
- Automatic chain oiling
- Multi-Chamber Softone™ muffler provides quiet operation
- SAFE-T-TIP® anti-kick back device protects you and the saw
- **Free carrying case**

FREE
20" guide bar and chain with purchase of the Homelite 330. See coupon in store for details.



6 WHEEL WONDER

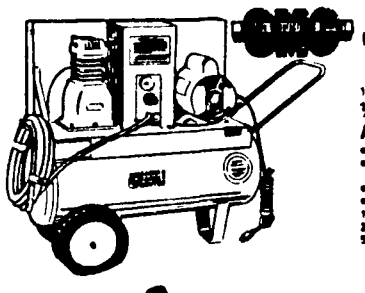
249.99

86966 035

4' x 8' Utility Trailer

- Meets or exceeds all DOT regulations
- One thousand pound capacity
- Quick attach 1⅞" ball coupler and safety chain
- Folds to a compact 5.3 W x 6 H x 2 D
- One year limited warranty

Spare Tire Kit
969 3 03 **NOW 24.99**



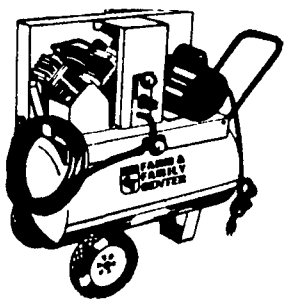
179.99

17980 106

½ Horsepower Air Compressor

- 10 gallon tank
- 3.2 CFM displ. 2.4 CFM at 40 psi, 1.8 CFM at 90 psi
- Dial-O-Matic control
- No additional regulator needed

15' Air Hose	17791 106	**NOW 8.99**
25' Air Hose	18400 106	**NOW 10.49**
50' Air Hose	18417 108	**NOW 16.99**



289.99

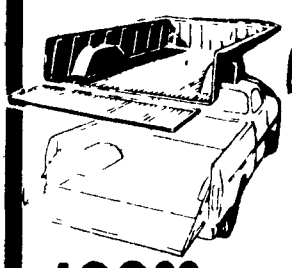
18326 106

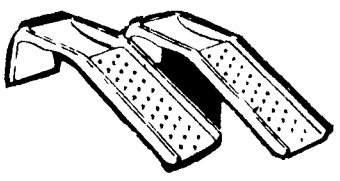
1 Hp. Twin Cylinder Air Compressor

14 gallon tank. 7.0 CFM displ. 5.2 cfm at 40 psi, 4.2 CFM at 90 psi. The V-2 Twin cylinders deliver air power. Easy to read gauge enables you to dial the pressure desired, no additional regulator needed.

15' Air Hose	17791 106	**NOW 8.99**
25' Air Hose	18400 106	**NOW 10.49**
50' Air Hose	184 106	**NOW 16.99**

Not available in Massachusetts





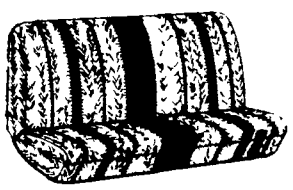
12.99

1944 145

Car Ramps

- 6500 lb. capacity
- One piece high gauge steel construction
- Lifts [illegible]

SADDLEMAN SEAT COVERS

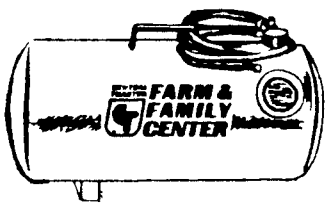


26.99

Pickup Truck Saddle Blanket Seat Covers

Easy to install tailored seat covers fit all pickups. Under knee rifle scabbard on full size only. Front storage pockets. Washable.

Black (full size)	43151 472
Brown (full size)	43168 472
Blue (full size)	43175 472
Wine (full size)	43651 472
Mini & Midsize	
Black	43182 472
Brown	43190 472
Blue	43202 472
Wine	43669 472



FARM & FAMILY CENTER

29.99

17784 106

Heavy Duty Air Tank

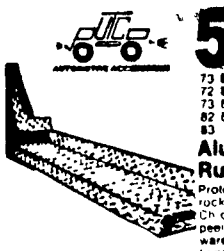
- Big 10 gallon capacity tested to 125 lbs.
- Comes complete with 6 foot air hose, chuck, gauge and safety valve

189.99

43038 472

Truckbed & Tailgate Liner

- One piece liner saves wear & tear on your pickup
- Resistant to gas, oil, acids & salts
- Withstands temps. to 60°F
- Tailgate cover included

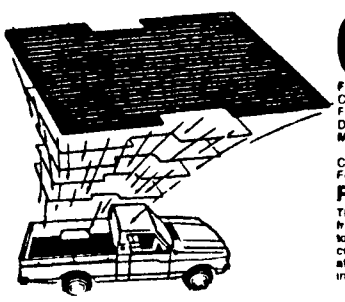


54.99

73-85 Chevy & GMC	25157 314
72-85 Dodge	25159 314
73-85 Ford	25186 314
82-85 Chevy S10	25421 314
83-85 Ford Ranger	25446 314

Alum. Tread Brite Running Boards

Protects your pickup's body from rock chips and mud splattering. Chrome like finish will not rust or peel. Mounting brackets and hardware included. Many other applications available on special orders.



69.99

FULL SIZE	
Chevy, GMC	24783 217
Ford	24771 217
Dodge	24788 21
MID SIZE	**SALE 59.99**
Chevy S-10	24795 217
Ford Ranger	24808 217

Pickup Bed Mats

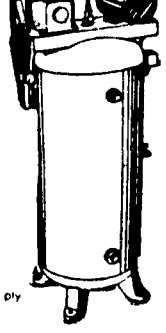
This Rubber mat keeps your load from shifting and prevents damage to the truck bed. Will not chip or crack unless abused and is not affected by weather extremes. Easily installed.

7.99

Reg. 9.99 / SAVE 2.00
19719 145

Creeper

- Nylon rollers
- 36" long
- Hardwood frame with ply wood bed



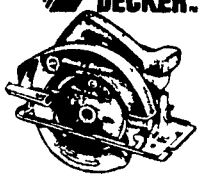
549.99

18397 106

5 Hp. Air Compressor

- Highly efficient industrial air compressor with cast iron twin cylinder 1 stage pump. 5 Hp. 230 V single phase electric motor
- 18 cfm displacement. 12" cfm at 40 psi and 10.6 cfm at 90 psi
- Features a 80 gal. tank totally enclosed belt guard for safe operation, bleeder type pressure switch for loadless starting

BLACK & DECKER



32.99

Reg. 39.99 / SAVE 7.00
11104 097

7¼ Black & Decker® Circular Saw

- Model 7308
- Double insulated for handle for positive control
- Eyeline chute keeps sawdust away from cutting line

7¼" 4 tooth Enduro™ Blade (230117) **NOW 4.99**

7¼" 8 tooth Enduro™ plywood blade 22261 177 **NOW 6.69**

4.29

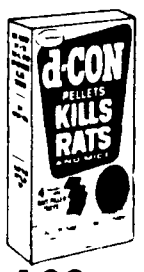
16" 11 gauge plain blade

Heat Treated Plain Disc Blade

16" 11 ga.	NOW 5.49
14" 9 ga.	NOW 5.99
20" 9 ga.	NOW 7.49
24" 9 ga.	NOW 9.49
[illegible]	NOW 11.99
[illegible]	NOW 19.99

Notched Blades

[illegible] ga.	NOW 4.49
[illegible] ga.	NOW 5.99
[illegible] ga.	NOW 7.49
[illegible]	NOW 9.99
[illegible]	NOW 11.99
[illegible]	NOW 16.99



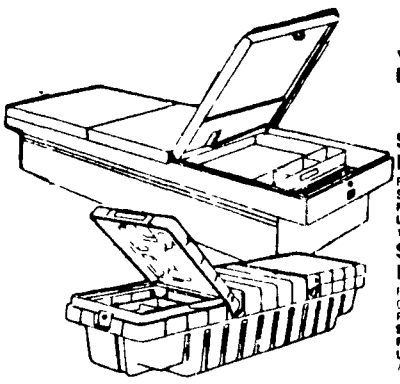
d-CON PELLETS KILLS RATS AND MICE

1.99

Reg. 2.99 / SAVE 1.00
62-24 088

1 Lb. d-Con

Contains 4 bait filled packs



YOUR CHOICE

79.99

Steel or Poly Pickup Tool Box

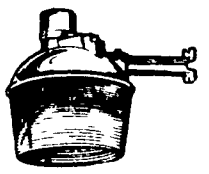
Fits most standard pickups

Steel Tool Box	22185 269	
Polyethelene Tool Box	43210 472	
L Shaped Fuel Tank		**159.99**
100 Gal.	22204 269	Reg. 169.99

Steel or Poly Mini Pickup Box

Fits Datsun, Luv, Toyota, Scout, GM S-10, Ford Ranger pickups

Steel Tool Box	22205 269	
Polyethelene Tool Box	43227 472	
L Shaped Fuel Tank		**104.99**
75 Gal.	22459 269	Reg. 114.99



29.99

28200 311

Mercury Vapor Security Light

- Photo control
- 16,000 hour bulb life
- Complete with hardware

POLARIS

59.99

Reg. 89.99 / SAVE 30.00
18 [illegible] 106

Roto Flo 3000

- No nozzles or tips to clog
- Paint pattern can vary from 2" to 15" wide
- Spray is later paint straight from the can
- Subject to stock on hand

WAGNER

Get a $10 rebate on the Wagner® Heavy Duty Power Painter

79.99 Central Tractor's PRICE

10.00 Less Rebate from Mfg.

69.99

[illegible] and difficult to [illegible]. Makes easy work of [illegible] paint for the [illegible] of [illegible] Or [illegible] paint in the 14.99 [illegible] Complete [illegible]

2.29 Aerosol

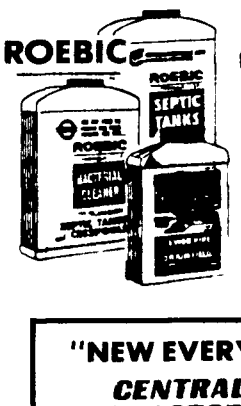
3.99 Per Qt.

10.99 Per Gal.

Implement & Tractor Enamel

Choose from AC Orange, IHC Red, JD Yellow, Olive Green, Case & JD Green, Ford Lgt. Grey, Case Red, Ford & MH Red, Gloss Black, Ford Blue, Primer, Caterpillar Yellow and MF Gray.

ROEBIC



YOUR CHOICE

4.99

Septic Tank Liquifier

Reg. 5.99 SAVE 1.00
16351 088

Bacterial Cleaner

Reg. 5.99 SAVE 1.00
16369 088

Root Killer

Reg. 5.99 SAVE 1.00
16183 088

9.99

Reg. 14.99 SAVE 5.00

PVC Rainsuit

Durable industrial weight rain suit with hood. Bib overalls with adjustable suspenders.

Small	12022 387
Medium	12030 387
Large	12047 387
X-Large	12054 387
XX-Large	12366 387

5.99

27898 285

High Protein Dog Food

- For active or hard working dogs
- 25 lb. bag
- Fortified with vitamins and minerals
- Supplying all the nutrients necessary to keep your dog healthy, alert condition

50 lb. Bag 27901 285 **SALE 11.49**

2 Gallon

11.99

Reg. 13.99 SAVE 2.00
95332 060

2 Gal. Evercoat® White Latex Multi-Purpose Paint

- A good Latex Paint designed for use on interior/exterior surfaces
- Spreading Rate: 250 to 350 sq. ft. per gallon
- 2 Gallons/7.57 Liters

"NEW EVERY DAY LOWER PRICES"

CENTRAL TRACTOR FARM & FAMILY CENTER.

THESE PRICES WILL BE HONORED ONLY AT THE LANCASTER, PA STORE
SALE STARTS MON., AUG. 19
ENDS SAT., AUGUST 31, 1985

LANCASTER
1570 Manheim Pike, Ph. 717/569-0111
Open 8.30-5:30 Mon.-Fri. / 8.30-5.00 Sat

All items are subject to stock on hand. We reserve the right to limit quantities. sale ends on above date. Not Responsible For Printing Errors

BUY, SELL, TRADE OR RENT THROUGH THE

CLASSIFIED ADS

PHONE: 717-626-1164 or 717-394-3047

1 FARM EQUIPMENT

For Sale: New JD 2950; Used JD 2840; 717-292-1856

For Sale: NI 323 1R cornpicker, (new), $5800. NH 311 Baler Super Sweep, (new), $6400. Gehl 800 Recutter, $1400. 717-768-3197.

For Sale: Oliver OC4 and OC6 parts and tractors. Also AC model G tractor and parts 201-850-1565

ATTENTION
PRODUCE & ORCHARD GROWERS

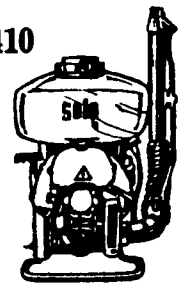
Isn't it time for you to get a Solo Mist Blower

Advantages

1. Use 1/10 the amount of water.
2. Excellent penetration in heavy foliage
3. Excellent for insect control
4. Low maintenance & no nozzles to clog
5. At a lot lower cost of conventional sprayers

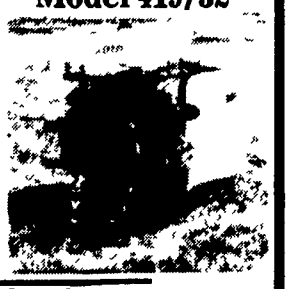
We have the model to suit your needs at a cost you won't believe

Model 410



$298.00 List $334.95

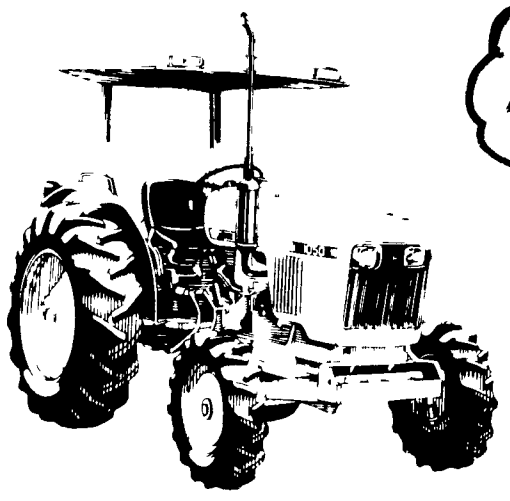
Model 419/32



$1,355.00 List $1,469.95

MARTIN'S REPAIR SHOP
Parts, Sales & Service
RD #4 Ephrata, PA

Everything about these tractors means business... right down to the finance charge waiver.



There's a John Deere compact utility tractor that's just right for your work. And now you can buy that tractor at a price that's just right for the pocketbook, thanks to special financing available from John Deere. Buy a new John Deere 650, 750, 850, 950 or 1050 tractor now and pay no interest for 9 months from the first of the month following the date of sale, when financed through John Deere.

John Deere offers five different compact utility models, featuring a wide variety of standard equipment, options and accessories. Every model is diesel powered, ranging from 14.5 hp to 33 PTO horsepower. That includes the industry's only turbocharged compact diesel — the John Deere 1050.

Stop in today and find out how a John Deere compact utility tractor can meet your needs — and your budget — with a 9 month finance waiver.

(Financing subject to approved credit)

Elm, Pa. **Bomberger's**

717-665-2407

Mon., Thurs., Fri. till 9:30;
Tues., Wed. till 6:30; Sat. till 5:00

For Sale. Side console 4020 diesel, WFE, SR trans., low hrs. $7,000 717-532-8601

For Sale: Used UNI 767 Harvester electric knife sharpener, hyd. spout, good condition. Priced to sell. 814-793-2194, 814-684-1159 or 814-684-2438.

For Sale: Vermeer trencher model T600C Almost brand new condition. Call 201-850-1565.

For Sale: Wisconsin VG4D electric start, $1200. VF4 Wisconsin with clutch reduction, A-1 condition, $800. Slanzi Diesel, as is, $500. Wheel wts. for AC WD45. Smucker's Repair Shop, 94 Summit Hill Drive, Strasburg, Pa 17579

For Sale: 1983 JD model 8300 grain drill, good condition Must sell Call 717-273 523' or 717-273-6748.

For Sale. 16' 3 beater Dion forage wagon Cumberland County 717-249-6634

For Sale 1 row Dahlman potato harvester excellent condition 717-672-2279

For Sale 2 row corn head, narrow row for NH 770 harvestor 717-258-6010

For Sale: 4050, 15 speed, power shift, 4 post, 2 year warranty; JD 2940 MFWD, M&W turbo, 100 HP. 717-354-0484

For Sale: 643 JD corn head, $5,500; 444 JD corn head, $3,000. Good condition. No Sunday Calls. 717-859-1067

For Sale 6 row #863 IH corn head, excellent condition 315-626-6679 after 8 p.m

For Sale 708 Uni Tractor, 767 Super Chopper, 763 Cornhead. 717-527-4772 or 717-527-2441

For Sale 930 Case Tractor, excellent condition. Levi S Beiler, RD3, Box 378, Quarryville, Pa. 17566, ½ mi. North of 9 Points along 896

Fox SP harvester FWD w/every option Model 6654 3R-853 corn head, very good condition, $35,000 1974 Western Star w/1693 cat engine just rebuilt w/1980 JxJ 32 yd aluminum body $20,000 Also various other Fox heads plus trucks 203-758-2765

Gehl C40 silo filler McCormick Deering ground drive corn binder 717-789-4569

Gleaner E, cab, 12' grainhead w/new HC floating cutter bar pickup reel, 238 cornhead & grain saver, very good condition, field ready 717-246-1738 or 244-6068

New 21'8" Brillion wing fold pulvi mulcher w/scrapers, new tires, cylinder, etc., $10,500. Used heavy duty disc harrows Athens, Taylor Way and John Deere; Used 13' JD 1710 mulch tiller, JD 400 grinder mixer. Used mounted corn pickers JD, NI 305 and IH 234. GUTSHALL'S INC., Carlisle, PA. 717-249-2313

NH bunk wagon on truck, very good condition, $2,375. 717-944-3500

NH speed rower w/Wisconsin engine, VGC, AC crimper LN. Dutchess Co 914-635-3459.

NH 1880 self propelled forage harvester, cab and air, new style heads, 3 30" rows and grass pickup Will sell heads separate. Caterpillar engine, 1,500 hrs., 175 h.p 717-423-6839

NH #213 power take off manure spreader, JD 13 hose grain drill, FBA; JD 115 chuck wagon 215-948-7191 after 6PM

JD 4020 power shift, dual hydraulics 814-793-4293.

JD 4020, power shift, 400 hours, side console, dual hyd, like new, $8,900 717-532-8926.

JD 4020, power shift, diesel, dual hydraulics, diff. lock, $6,500 609-455-3462

JD 4230, cab and air, $13,000. 814-793-4293.

JD 4230 fender tractor, dual hydraulics, excellent condition. 814-793-4293

JD 4320 cab & air, dual hydraulics, 38" rubber, like new. 814-793-4293.

JD 4430, cab & air, 77 model, power shift, 814-793-4293.

JD 4430, PS, new tires, 3600 hrs., $13,500. Hagerstown, MD 301-797-3921.

JD 4430, 700 hours, dual hyd., weights, new tires, solid, $9,500 717-532-8926.

JD 4440, 4 post canapy, 1569 hrs., excellent condition 703-879-2634 or 879-9704.

JD 450 Crawler Loader, 814-793-4293

JD 4520 w/factory cab, dual hydraulics, excellent 814-793-4293

JD 4640, 1550 hrs, sound guard, air AM-FM, 20.8x38 factory duals, 3 hydraulic outlets, excellent $30 500 717-993-6226 or 717-993-6152

JD 5020, 72 model with new engine and duals 814-793-4293

JD 5200, 4 wheel drive harvester w/2 heads. Lehigh Co. 215-298-2654.

JD 6030 cab & air, 38" rubber, dual hydraulics. 814-793-4293.

JD 720 diesel, $2,000, JD 4400 combine, 4 row narrow corn head, $7,000. 301-824-7118 or 717-263-4319.

JD 7720 combine, 643 corn head, 215 flex soybean head, 4WD $48,000. Financing. Cassidy Bros Farm 703-777-5134

John Deere 830, electric start, $3500. BR John Deere, $1400 R John Deere, $1500 D John Deere, $950 812-295-2052

John Deere 45 combine, square back, 2 row corn head, 12' grain head $1,500 215-257-6787

Majonnier 400 gallon vacuum tank, Klenzade tank washer Bender dumping station, Stainless steel wash vat, (3) Universal floor type milkers 4 unit Surge rotary vacuum pump, JD 34 chopper w/grass pickup head & 1 row corn head; IH 56 blower; 301-838-3882

McCormick Deering Harvester Hay Loader needs ropes, frame good Best Offer 717-945-5555

McCurdy Combine Head Mover like new, $895 ID 3940 w/2 row head, all options, like new condition. 814-793-2339

MF Model 520 disc w/wings Algoma rotary cutter Make Offer 717-425-2371

MF Super 90, 65 HP 8 SPD, 3PTH, w/MP Front End Loader Hyd Bucket & Forks, 1400 Hrs., V.G Cond., Good Rubber $3,500/BO; 11' Pitt Disc, W/Cylinder and Hoses, Good Cond Best Offer; AC 3 Pt Hitch, 3 BTM., 16" Plow, All New Moldboards, Shins, Shares, Landsides. Best Offer. 215-383-5044 eve.

MF 175 diesel, excellent condition. 814-793-4293

MF 510 diesel combine, cab, weights w/head, field ready $6,900 717-532-8926

MF 750, low hours. Grain table, 6 row cornhead Call 717-444-3889

Mower 15' bat wing, BMB (Ford) excellent condition $2,400. 301-833-9091

New Holland #22 tilt table ensilage blower, good condition, $100 York Co, 717-741-3039.

Gleaner FKS diesel, cab, heat, air, 430 corn head, 13' grain head, chopper, excellent. 609-259-9295 or 585-1829

Good, Used JD Balers, 24T, 224T & 336 w/ejectors. GUTSHALLS INC 717-249-2313

Good used offset 12' Bush Hog disc, ready to go. Chester Co 215-286-9426

Henry loader, heavy duty, fits Int. 300, 350, 504, 544, 606. $600 717-246-1239.

IH 1066, good condition, needs paint, $5,800/Offer. 301-833-9091.

IH 1066 hydro, 1 owner, excellent condition w/duals and 2350 loader. $10,500/Offer 301-833-9091

IH 234 corn picker mounted on good Farmall M, no husker or elevator Corn falls into bin at rear Good cond., spare parts, $1,300 Lyle, 215-353-7304 evenings Chester Co.

IH 400 diesel, runs good good rubber, $1 500 215-367-0191 evenings

IH 490 hyd. fold disk harrow, 22" blades, $4,500 609-455-3462

IH 574D one owner 1900 hrs, very good condition, $4,800/Offer 301-833-9091

IH 806 wide front, dual PTO, complete engine overhaul 814-793-4293

IH 84 hydro w/2250 loader, 950 hrs., $9,600 Hagerstown, MD 301-797-3921.

International 615 Combine, 10' grainhead, 2 row cornhead, excellent condition. 814-793-4293.

International 460 Utility Tractor, rebuilt engine, frontend loader, 3 pt., backhoe, post hole digger, plow, Best Offer. Marquette Welder on wheels, Best Offer 215-826-4838

Int. plow #560 4 bottom w/beam extension for 2 more $500 717-944-3500.

IRRIGATION PIPE. 1200' of 6" used aluminum. Call 717-532-9108

JD Diesel Combine w/#444 4-row corn head, 38" rows, semi automatic variable speed, 13' grain head, cab & air excellent 717-649-5235

JD Tractors: 3010 Diesel, narrow front, $4,600 3010 Gas, narrow front, $3,850 720 Diesel, wide front $2 850 814-467 8839 or 814-467 7085 Somerset Co

JD 1530 tractor good rubber, excellent condition w/148 loader 717-349-7225

JD 2030 diesel, high and low, heavy duty front end Real clean 814-793-4293.

JD 2640 excellent condition. 2000 Tobacco Lath 609-935-1113

JD 2640 81 model, excellent condition 814-793-4293

JD 2940 with roll guard, excellent condition 814-793-4293

JD 3010 diesel utility good rubber, good condition 717-548-3116

JD 3010 gas tractor, excellent condition. 717-738-2365

JD 3020 diesel, diff lock, top link, weights, complete, nice. $4,900 717-532-8926

JD 3020 side console, WF, dual hyd., excellent cond., 814-793-4293.

JD 35 harvester w/2R, 1000 PTO, new knives, excellent condition. Lebanon Co. 717-866-2578

JD 350 crawler loader, good shape. 215-445-4410.

JD 38 harvester with one row corn head, needs new plate under cutter head, $1,000. 717-665-7029.

JD 4020 G, NF with or without cab, good condition, good tires. $3,950/Offer 301-833-9091

NH #28 Whirl-A-Feed silo blower, like new. $1,200., 2 row wide corn head for JD 3800 chopper York County 717-764-0494

NH 479 Haybine, excellent condition. Also, other hay equipment Washington Co 301-791-5766.

NH 818 chopper $200 301-833-9091

NH 850 round baler, works good, fair condition. $2,500. Huntingdon County. 814-667-2297

NI combine, Model 717, grain head Model 713, 2R corn head 733, good working condition, $4,999 Negotiable. Ashland, VA 804-798-5983 before 7AM or after 7PM.

NI corn picker, 2R, wide 8R husking bed, very good condition, $4,500 717-758-1536.

NI Uni-System: 702 tractor, 760 forage harvester 763 3 row crop attachment, 710 combine, 11' cutter bar 725 3 row stripper head. All in very good condition $5,000 72' 8' Hutchinson PTO transport auger used 1 season $1,250 Call 703-338-6471 after 6 p.m.

NI 2 row narrow row corn picker w/12 roll bed 814-793-4293

NI 325 corn picker 2 row narrow row Has 12 roll husking bed, $5,500, NI tandem manure spreader $1,095 717-354-0266

NI 456 round baler, hyd or manuel rap, excellent condition. Franklin Co 717-597-9869

Oliver 1655, original paint, 3 pt 814-793-4293

Oliver 1855, wide front, 3 pt. hitch 814-793-4293

Oliver 1800 gas, narrow front, $3,000. Oliver Super 55 w/loader, $2,300 814-467-8839 or 814-467-7085. Somerset Co.

Oliver 77 Allis WD w/loader, snowplow & cornplanter Int'l Baler 45 Cornpicker NI #10 JD Chopper #50 717-754-7648.

One 6600 JD Combine w/17' platform. One 1805 MF w/7000 gal manure tanker One Lil liston no-till drill 717-637 0192

Post Hole Digger Garber Seeder Fast Hitch Loader fits JD750 or Yanmar 186D Lycoming Co 717-435-0145

Schwartz 850 mixer feeder on truck, $4,000 Used tractors Cases and Zetors, $1,500 to $8,500 412-459-8991

Sheppard Diesel, 3 cyl new rubber runs good, $1500 717-532-8926

SNAP BEAN HARVESTERS-Chisholm-Ryder 2 row IH 4-666s 3-504s diesels & gas Complete w/dump carts Reasonable Some parts for Chisholm-Ryder Harvesters 609-769-3183

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STRAW CHOPPER for MF 750, like new Eves 717-444-3889.

Starline barn cleaner, 240' of chain, $200 717-656-6556.

Steiger Bearcat 240HP turbo charged Cat., dual wheels, low hours, good condition. $14,500 717-993-6226 or 993-6152.

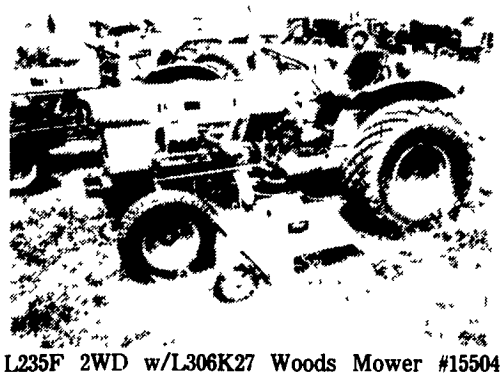
TANKS-good used 500-800 gal. for fuel, culverts, etc 215-356-5305.

TRACTOR. AC 175D, 60-70HP, weights, 800 hrs., like new $6,700 301-357-4195

Tractor Implements for sale. 3 Pt. Hitch - one bottom plow, one dirt/snow plow, drag spring harrow, all for $250 York Co. 717-252-1008

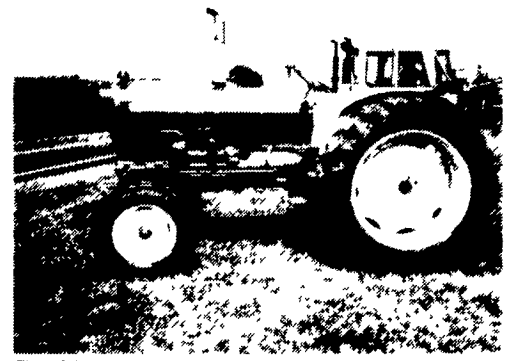
Triumph 750 Corn Sheller, rated at 750 bu./hr. Requires 25 hp Call evenings, 717-687-7574

USED TRACTORS & EQUIPMENT

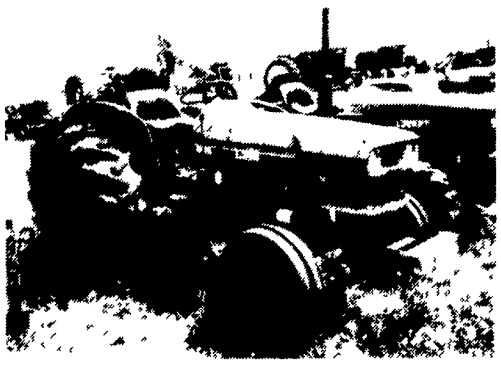


L235F 2WD w/L306K27 Woods Mower #15504 ~~$7,300~~ **$6,450**

John Deere 4020 #14424 ~~$8,925~~ **$7,500**

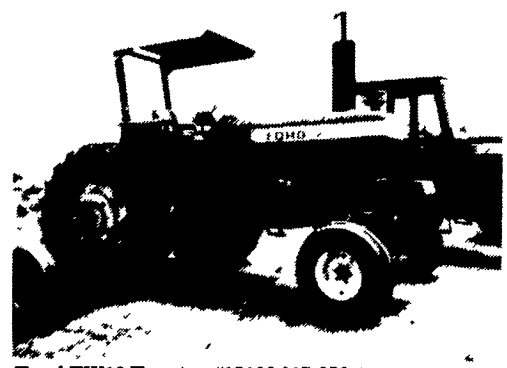


Ford 5000 Tractor #13989 ~~$6,995~~ **$6,495**

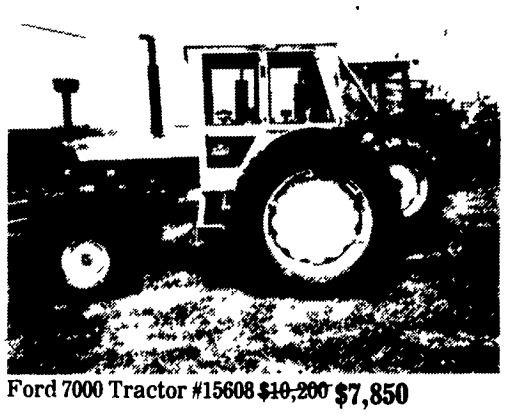


Kubota L345 F 2WD (200 Hrs.) #14587 ~~$7,560~~ **$6,470**

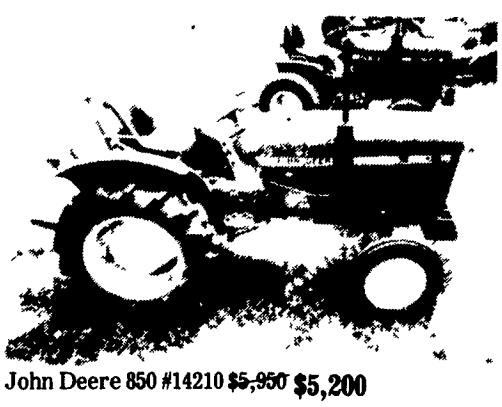
Kubota L305 DT 4WD w/Frt. Blade & Backhoe #13990 ~~$13,165~~ **$10,500**



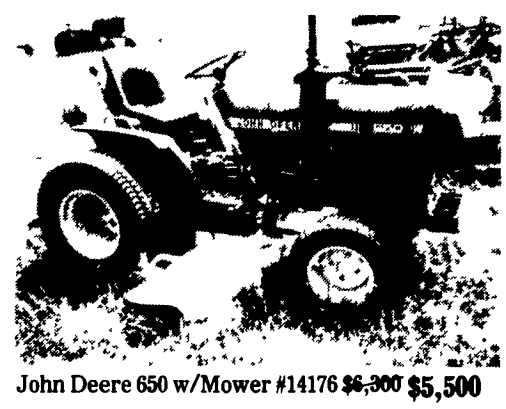
Ford TW10 Tractor #15106 ~~$17,250~~ **$15,900**



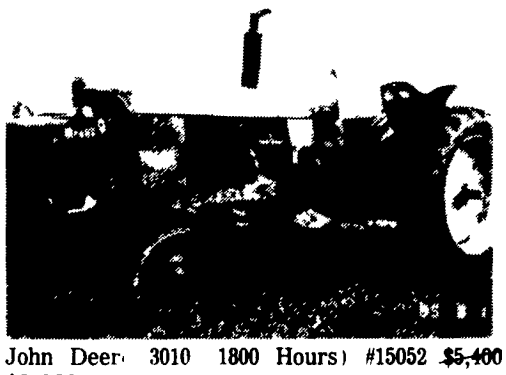
Ford 7000 Tractor #15608 ~~$10,200~~ **$7,850**



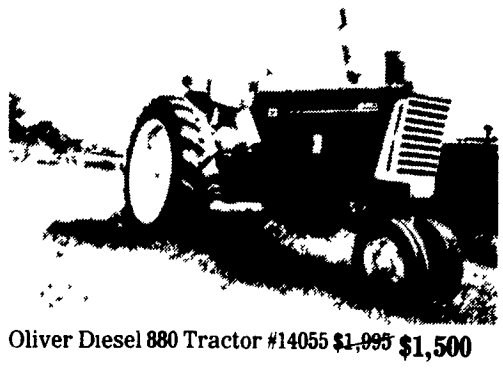
John Deere 850 #14210 ~~$5,950~~ **$5,200**



John Deere 650 w/Mower #14176 ~~$6,300~~ **$5,500**

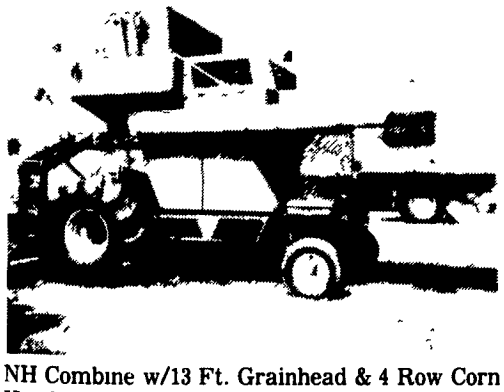


John Deere 3010 1800 Hours) #15052 ~~$5,400~~ **$3,980**

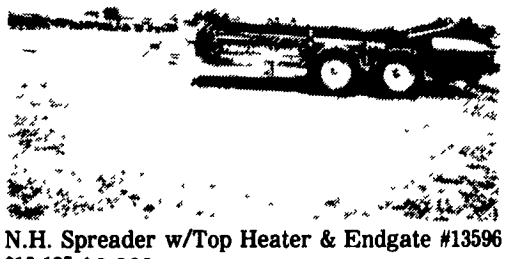


Oliver Diesel 880 Tractor #14055 ~~$1,095~~ **$1,500**

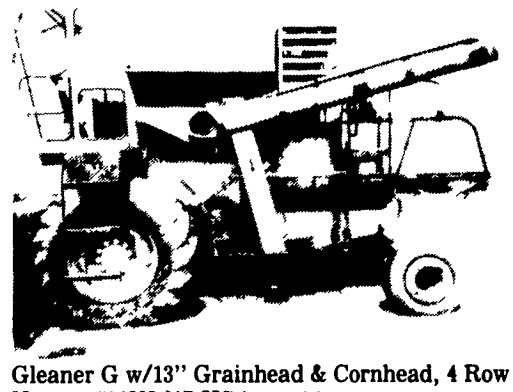
New Idea Harvester w/Windrow Pickup & 3 Row Corn Head #15640 ~~$9,750~~ **$7,900**



NH Combine w/13 Ft. Grainhead & 4 Row Corn Head #13639 ~~$9,450~~ **$7,500**



N.H. Spreader w/Top Heater & Endgate #13596 ~~$10,125~~ **$6,900**



Gleaner G w/13" Grainhead & Cornhead, 4 Row Narrow #14663 ~~$17,550~~ **$15,500**

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- Extra Nice 352 N.H. Grinder Mixer
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- Ford 9N w/Loader
- 1209 JD Mower Conditioner

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Ford 3400 with loader, original paint, excellent condition. 814-793-4293

Ford 9700, 2500 hours. NH 1034 Bale Wagon. JD Side Delivery Rake. 201-579-2310 mornings.

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For Sale: Badger barn cleaner, dismantled, 256'x18" chain, steel covers, 3 h.p., 110V motor, $300. Steel Silo FREE for taking. 717-567-6445

For Sale: Case model 1816B skid loader, 325 hours. 717-683-5586.

For Sale: Case 1000 Dozer, tilt straight blade, runs well. $4,000. or Best Offer. Call 215-921-3748

For Sale: Dahlman 2 row tractor, mounted potato harvester, good condition. 301-387-6733 after 5 301-387-5446.

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For Sale: Farmall Cub Tractor w/5' rotary mower, sickle bar, ground plow & snow plow, belt pulley, draw bar, and cultivator. $2,700. 717-865-4388

For Sale: Fox 546 recutter mounted w/6 cylinder Deutz diesel engine Will sell seperately Gideon Fisher, Box 160, R D.1, Newburg, Pa 17240

For Sale: Gehl 960 Forage Wagons; JD 450 Crawler Loader; Hesston 7020 Chopper. 717-733-0575

For Sale: Hawk Built tank spreader, 1,000 gallons, fair condition. Juniata County. 717-463-3371

Diesel Engine, 30 hp, 2 cyl., air cooled, Lombardini 914, 10 hours, asking $2,150. 301-882-6051.

Dion 16' 3-beater forage wagon on New Idea 10 ton gear. No roof 717-653-5837.

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Farmers & Dealers -- Your advertising pays for itself when you advertise your equipment in the farm equipment section. 717-394-3047 or 717-626-1164.

FOR SALE-AS 600 Super B grain dryer - 3 phase; Ideal Metal bin, approx. 250 bushel capacity. 717-286-6411 or 717-286-0215.

FOR SALE: Case W9A, 4WD, pay loader w/diesel motor and cab, good working condition, $6,500 or B.O. 717-532-8601

FOR SALE: Int. 9 Ensilage cutter; Int. PTO corn binder. Both in good condition. 717-768-3681 Leroy B. Esh Hardware, Intercourse

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FOR SALE JD 24T baler w/kicker 717-567-9716

AC D19 IV, gas, 3 pt. hitch, wide front, 814-793-4293.

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Case model 870 tractor, diesel, wide front, 1300 hrs. $6,500 717-436-8707

Case 1060 combine, 404 corn head, 13' grain head, good condition. Monitor, gas, $8,000/offer. Perry Co. 717-589-3540 or 3614

Case 1570 Tractor w/cab & air, PS, dual wheels, excellent condition. Priced for quick sale, $17,800. 717-328-2244.

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Combine, AC, F model, 438 corn head, 13' grain head, good condition 301-877-9889.

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Combines & corn & grain headers at wholesale prices. Call Larry Stalter, "The Combine Man" 219-862-2151

Deere 3300 to 8820; IH 715 to 1480, Gleaner E to N series; Massey 300 to 860; Also others. Corn and grain headers, Wholesale prices. Call Larry Stalter, "The Combine Man" 219-862-2151

FOR SALE: JD 318 riding tractor. 717-626-7157 or 626-7972.

FOR SALE JD 50, live PTO, 3PTH on steel or rubber, good condition Cumberland Co 717-532-3788.

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Harvester Roller Mill, 400 bu./hr., $900. Stump Acres, York Co., 717-792-3216.

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Dismantling Case 310G, 320, 530, 580, 680CK, IH 125C, IH TD 340, Cat 93342A, Michigan 55A II, Michigan 175A II, AC HD7G, AC TL-12 AC HD-9 and others
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For Sale: IH-TD-18 Crawler with angle blade, rebuilt motor & steering clutches. Cost $7,000. Will take $4,000. 301-733-2894.

For Sale: International 46 baler with gas engine thrower, good shape. $800. Negotiable. Call 717-867-4106 after 8 p.m. Annville Area.

For Sale: IH 510, 4 bottom, 18" plow, new, $2,295. 717-683-5586.

For Sale: IH 510 plain grain drill, 18x7 w/single disc openers and grass seeder. $2,250.; NI 325 2 row corn picker w/329 Super sheller, $3,000 717-587-3258 Days, 717-586-0226 Evenings.

For Sale: IHC 1 row PTO corn binder, used very little (Decals on top board). Ready to go on rubber. 717-687-0102.

For Sale: JD 4440, cab QR, power front wheel drive, new radial tires, fully equipped. $18,500. 215-383-6818.

For Sale: JD 4040, '81 model, cab, QR, 2600 hrs., excellent condition, $15,000. 215-383-6818.

For Sale: Model 725 3 row narrow corn head for NI Uni System 304-263-9801

For Sale: MF 300 Combine w/cab, 2RW corn & 11' grainhead. Stored inside, real nice, $3,500. 814-438-2511

For Sale: NH 353 grinder w/scales, heavy duty shaft, like new $5,200 717-734-3347

For Sale: New front rubber block steel wheels for 6006 Deutz 215-944-8380

FOR SALE: JD 1240 corn planter, excellent condition. 717-738-2365.

FOR SALE: JD 1520 gas, just overhauled, $3,950. 717-776-7725.

FOR SALE: Lancaster level flow silage distributor, electric, Model 766, $100. 717-626-5296.

FOR SALE: NH Model 667 flail manure spreader, like new, used a few times. Went to a storage facility and custom handler, $4,400 or Best Offer. 215-377-4549.

FOR SALE- NH Super 717 harvester, excellent condition. 215-273-3095.

FOR SALE: New JD 2750, 75HP, $3,000 under dealers cost. $17,000 cash. 717-532-8601.

FOR SALE: NI 706 diesel uni tractor, excellent condition, low hrs.; also 3RN corn head. 304-263-9801.

FOR SALE: 15' Krause transport disc, 4 yrs. old, nice condition, $1,500. 717-532-8601.

FOR SALE: 1972 JD 4320, dual hydraulics, SR trans., NF, $7,000 or B.O 717-532-8601.

FOR SALE: 1971 Oliver 1955 w/fender tanks. 717-432-2855.

FOR SALE: 1981 JD 4440, cab, air, QR trans., 4WD, nice condition. Will guarantee. $20,000 717-532-8601

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FOR SALE. 2RN snapper head; 2RN corn head and pickup head for Fox chopper. 814-766-3436

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For Sale: Year-A-Round Tractor cab, will fit Oliver 1750 and 1850, excellent condition. Juniata County 717-463-3371

1981 Deere 6620 Side Hill in excellent condition. Owner died. $32,500. Larry Stalter, "The Combine Man". 219-862-2151

1981 JD 4040 cab, air, QR trans., 4WD, low hrs., nice condition. $16,500. 717-532-8601

1972 JD 4520 130 h.p., 2,800 hrs., in nice condition, new tires. $9,500 717-532-8601

1974 White combine, 8600 diesel, 15' grain head, 6-30" corn head, good condition, low hrs. $10,000. White 4-150 tractor, 3PTH, PTO, duals, 2,000 hrs, $10,000. 215-343-2444

1975 JD 4230 cab, QR trans., low hrs., 4 WD, in nice condition. Can Deliver $12,500 717-532-8601

1976 JD 4020 diesel, SR trans., WFE, fair condition. $4 600 717-532-8601

1979 Case 2470, cab, air & heat, with duals, 4 remotes, PTO, 3 pt. hookup, low hours, like new condition 717-425-3698

1979 NH 1069 bale wagon, 160 bales, cab, air, shedded, 1050 hrs., excellent, $23,000. 1049 bale wagon, cab, 160 bales, good, $11,900 Roeder Implement, Seneca, KS. 913-336-2800

1980 Belarus 70 h.p, 4 WD diesel tractor w/heavy duty hydraulic loader, 1131 hrs., good condition, nice tractor for trench silo. $6,000 717-532-8601

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***8.8% Financing Or Interest Waiver Until 1/1/86**
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*3755 IH 484
*3765 Ford 600
*3304 IH 186 Hydro
5927 IH 966
5926 IH 1256
*5835 IH 986
*5739 IH 1066
*5731 IH 656
*2871 IH 1466 w/Cab, New Paint
3626 IH Super M TA
5793 Deutz DX 160
3335 JD 8630
*5784 JD 4630 w/Cab, Duals
2845 JD 4430 w/Cab, Duals
5700 NH 778 Skid Steer Loader
6192 Case 2470 w/Duals
3487 Steiger ST210
3658 AC D17

PLANTING EQUIPMENT

3285 Tye No-Till Drill, 20'
5713 IH 510 Drill
2763 IH 620 Tandem Full Press Drill
5786 IH 510 Drill
3635 JD 8300 Drill 21x7
5765 JD 246B Drill
5766 JD E9300 Drill Attachment
3660 JD 8300 Drill 21x7

COMBINES

*5120 JD 7720 w/4WD, Chopper
*2622 JD 7700 w/Chopper
*3057 JD 7700 w/Chopper
*3058 JD 7700 w/Chopper
*5447 IH 1480
*2108 IH 1480 Reconditioned
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6103 Sunflower HB Chisel Plow 27'
5277 IH 55 Chisel Plow
3450 IH 470 Disc 16'
5868 IH 370 Disc 12'
5615 Brillion SC-01 Filed Cultivator, 20'
3607 Brillion 32'8" Crawfoot Packer
3661 Brillion Field Cultivator, 29 shanks
5937 Krause 1928 Disc 25'
5054 Krause 2143 Disc 42'
5457 Krause 2413 Disc 23'
5578 Krause 3 Bar Harrow
5561 JD 210 Disc 13'
3453 JD 5 Bot. Plow
5419 JD 22 Shank Chisel Plow
6247 J.D. 310 Disk
3452 MF 800 Plow, 7 Bot.
5121 Dunham Lehr 29' Crowfoot Packer
5534 Glencoe Soil Finisher, 20'
3301 Wilrich Field Cultivator, 37'
5564 AC 2300 Disc 14'
1657 Case K23 Disc Harrow 22'

MOWERS

5577 Rhino 20' Flex Wing Mower
5569 IH 60 Shreader
5702 NH 462 Disc Mower
2739 MC 180B Shredder
3695 Woods 320, 20'

MISC. EQUIPMENT

*3773 JD 201 Trailer 32'
5484 IH 2001 Loader
5487 NH 280 Baler
3561 NH 495 Haybine
5373 Ag-Chem 500 Gal. Poly Tank
3111 Agrotec 400 Gal. 30' Sprayer

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AC 5050
AC 7020
AC 7030
AC 7040
AC 7060
AC 7080
AC 210
Kubota L245 w/Mid Mount Mower
Case 2390
IH 986
IH 674

BALERS
NH 846 Round
NH 851 Auto Wrap
NH 273 w/54A Thrower
NH 320 w/58 Thrower
NH 320 w/70 Thrower
JD 466 Wire
Hesston 4800

COMBINES
NH 995 with Grain and Corn Head
NH TR70 w/960 and 962W4
AC C II w/2 Heads
AC FKS2 w/430 Corn Head and 313 Flex Head
AC G440 Corn Head
AC F330 Corn Head
AC FKS w/438, 430 and G.H.

PLANTERS
AC 7R Bean
(2) AC 600 4R no-till
AC 600 6R no-till

LAWN & GARDEN
Simplicity w/Attach.
Bolens 1256
IH 70 Cub
Gravely 16HP
AC 712H w/42" Mower
AC 710 w/36" Mower
AC B10
AC Big 10
AC 912H
AC 914H
AC 720
Gravely 830

LOADERS & FORKLIFTS
NH 425 Skid
(2) AC Model 50LPS
AC Model 50
AC Model C40X
AC 715 Backhoe
NH L35 Loader w/D100 Backhoe

MOWERS
Bush Hog Batwing
Ford 906 Rotary
Woods RM 48
NH 451
(3) 462 Disc
NH 463 Disc

SPREADERS
NH 346 Tank
NH 371 Tank
NI 218 w/End Gate

FORAGE EQUIPMENT
NH 1880 w/1895 A and 919N4
NH 892 w/880WPU and 822 Head
NH 770R2
NH 890N3
(3) NH 822 Corn Head
Gehl CB1000 w/2R Head

MOWER CONDITIONERS
NH 1469 SP 9'
(2) NH 489
NH 490
(2) NH 495
NH 1495 SP, 12' Hyd., C/A

RAKES
NH 258
NH 260
V-Tandem Hitch

WAGONS
NH #8 Wood
Artsway Feeder w/Scale

PLOWS
AC 5 Bottom 18"
IH 4 Bot. mounted

MISCELLANEOUS
Brillion STS 10 Trans. Harrow
Pulvimulcher
NH 85 Bale Handler
NH 80 Bale Mover
NH Straw Chopper
Lely Rotara
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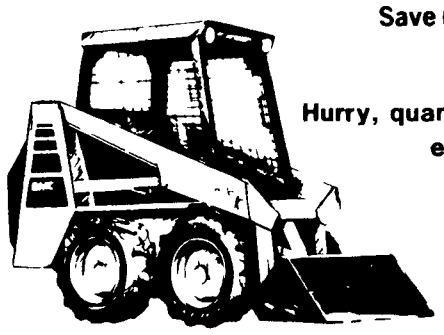

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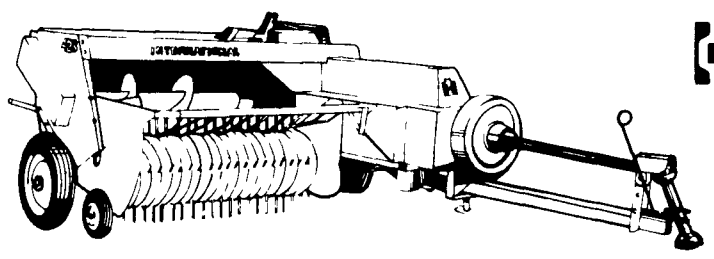

case IH

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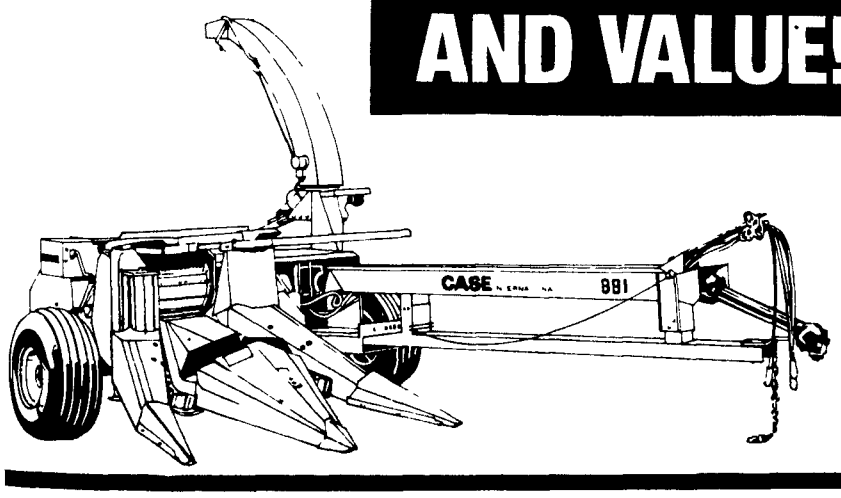

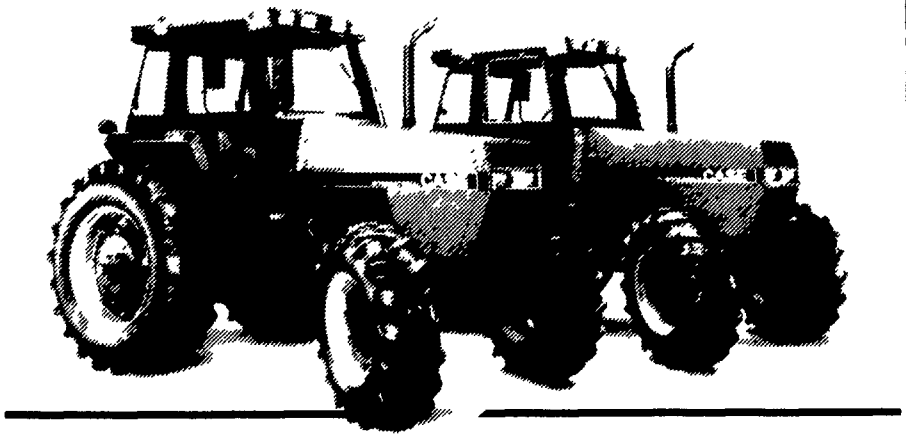

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IH 674
IH 656 Gas
IH 656 Diesel
IH 584 Util
Ford 6000
IH 560 D.
IH BN
AC G
Ford 8N
IH 504 Gas
IH 1256
IH 400
IH Hydro 84
IH 784 Util.
IH B414
IH 454
IH 806
IH 706

HAY & FORAGE

IH 990 Mwr. Cond.
AC 904 Mwr. Cond.
IH 1190 Mwr. Cond.
OMC 229 Mwr. Cond.
Gehl 440 Mwr. Cond.

USED EQUIPMENT

NH 489 Mwr. Cond.
Hesston 10 Stacker
IH 440 Baler
NI 456 Rnd Baler
OMC 595 Rnd Baler
IH 37 Baler
JD 24T Baler
IH 430 Baler
NH 851 Baler
NH 27 Blower
IH 56 Blower
Gehl 99 Blower
Papec 54 Blower
Kools KB60 Blower
NH 818 Harvester
Fox 546 Harvester
Fox 2000 Harvester
Fox 3000 Harvester
IH 555 Harvester
IH 650 Harvester
Papec 180 Harvester
JD 38 Harvester
Gehl 600 Harvester
NH 6 Forage Box
Badger 16 Ft. Box
IH 51 Forage Box
Grove Forage Box
Gehl Forage Box

MISCELLANEOUS

OMC 117 Grinder Mixer
IH 1050 Grinder Mixer
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1460 IH axle flow combine, 15' 820 grain head, 28Lx26 tires, 860 hrs. 609-455-3462

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(2) CM 240 Disc Mowers (Demo)

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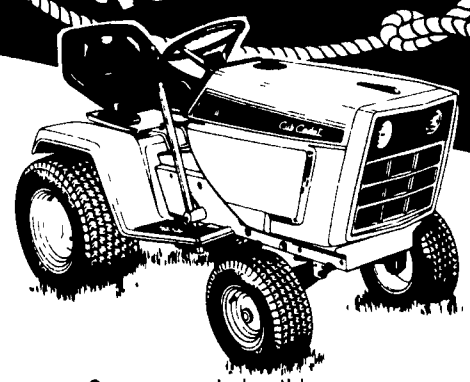

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AC 7045D	AC 7000D	JD 2010
AC 7050D	AC XT190D	MF 65G
AC 7020D	AC 180D	Case 1490
AC 7010D	AC D19D	JD 450 Crawler
AC 200	AC D14	Oliver 1650D

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Badger blower
Badger bale chopper
Kewanee 12' tillage saver

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NI 224 Manure Spreader
NH 256 hay rake

NI 680 forage chopper

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IH 311 Plow, 3F	Oliver 4F Plow, 14"
JD 125 Plow, 4F, 16"	Brillion 10 Ft. Spring Tooth Harrow
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Oliver 13' Disk	

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IH 420T Baler	IH 830 Harvester
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IH 34 Hay Conditioner	IH 56 Blower
IH 990 Mower Conditioner	IH 600 Blower
Gehl FB99 Blower	Badger Blower
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LAWN & GARDEN

102 Cub Cadet	Cub Cadet C35 Walk Behind Snow Blower
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123 Cub Cadet	Jacobsen GT-12 Hydro
124 Cub Cadet	Ferguson Rototiller (rear mt.)
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Ford 5000 SOS Dsl.
Ford 4400 TL
Ford 4500 TLB
Ford 5000 Gas, Row Crop
Ford 2000 Gas
Ford 1100 2WD
Ford 555 TLB, Cab
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EQUIPMENT
NH 489 Haybine
NH 315 Baler
JD 268 Baler w/Thrower
JD 24T Baler w/Kicker
NH 717 & 718 Fg. Harvestors, Corn & Grass heads
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MF 725 7' Mower Conditioner
IH 37 Baler w/Thrower
NH 516 Spreader
IH 540 Manure Spreader
IH Grain Drill
Herd 3 pt. Fert Spreader
NH 69 Baler w/Thrower
NH 275 Baler
IH 37 Baler w/Thrower
Hesston PT10 Mower Conditioner
Hub 30' Elevator
NH 450 Sycle Bar Mower
Gehl 65 Grinder Mixer
Brillion 24' Field Harrow
MF 300 Combine
MF 205 Combine
Gehl CB1000 Forage Harvester w/PU Head, 2 yrs. old
Gehl 600 For. Harv. w/2 Heads
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Gehl 4500 Skid Loader w/Backhoe Attach.
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Int. 544 & 656
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RM 1460 Round Baler
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FARM EQUIPMENT
NEW IDEA-
351 Spreader
353 Spreader
507 Mower Conditioner
272 Cutditioner
279 Cutditioner

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Farmall M Tractor
Oliver 1955 D Tractor w/Fender Fuel Tank
No. 218 Manure Spreader
Woods 5' Cadet Rotary Mower
Kuhn 13' Tedder
NI 270 Cutditioner
IH 110 For. Box

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JD 2750
JD 2950
JD 2950 MFWD & Cab
JD 4050 w/Cab & PS

NEW EQUIPMENT
JD 1010 Field Cultivator, 12½'
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JD 1219 Mower Conditioner
JD 1326 Mower Conditioner
JD 337 Baler
JD 327 Baler
JD 115 Disc 10 ft.
JD 1610 Chisel Plow, 8 or 10 ft.
JD 950 Roller Harrow, 12 ft.
JD 415 Rotary Hoe
JD 430 Round Baler
JD 450 Hydra-Push Spreader
JD 506 Rotary Cutter
JD 606 Rotary Cutter

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JD 272 3 pt. Mower 72" Cut
NI Forage Blower
JD F130 4-14" Bottom Plow
NH 479 Haybine
Owatonna SP Mower Conditioner
Row Crop Head 3 Row Wide
AC 600 4 Row Liquid Planter
JD Model 350 - 5 Bottom Plow
JD 3-14" Plows
Bush Hog 12' Chisel Plow
Gehl 600 Harv. w/2R Snapper
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AC WD45
JD 4020
JD 4000
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AC F2
MF 300 13 ft. Platform & Cab
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NH 455 Mower
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NI Start Chopper
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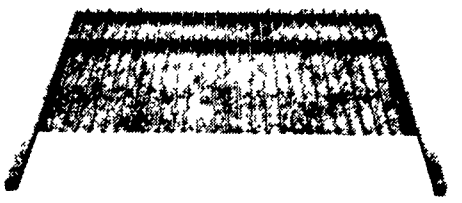
for M-F 750/850 760/860 COMBINES



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To Be Held At Ag Progress Days
TUESDAY, AUGUST 20 2 P.M. WEDNESDAY, AUGUST 21 2 P.M.
MF Massey Ferguson Located At The MF Exhibit On East 3rd Street
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- NH 256 Rakes, Rubber
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NH 489 haybine

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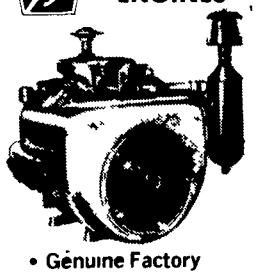

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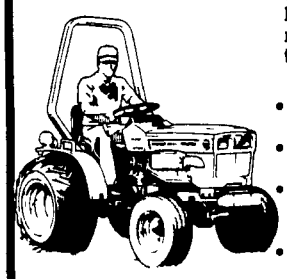

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IH 1568	$12,500
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IH 574	$8,000
IH 484	$8,250
IH 284	$4,000
MF 65 & Loader	$4,750

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JD 2950 w/SG
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JD 2255
JD 1450
JD 300B Loader/Backhoe

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JD 3970 Fg. Harv.
JD 3950 Fg. Harvester (1) w/iron guard
JD 327 & 337 Balers
JD 530 & 430 Rd. Baler
NH 849 Round Baler
NH 489 & 1495 Haybines
Miller 2150 Forage Wagon
NH Forage Wagon
Kuhn Hay Tedders & Rakes
Kuhn 10' Disc Mower/Cond.

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JD 7000 4 & 6 Row Consv.

NEW TILLAGE
JD 215 Disc

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NH 455, 555
Bobcat 743

NEW DRILLS
JD 8250 14x7
JD 8300 18x7

NEW SPREADERS
NH 791
Martin S1466 & S1678 Scavenger
H&S 295 Spreaders

NEW MISCELLANEOUS
Demco Sprayer 600 gal.
NH Grinder Mixer 355

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White S400 6 R.N- w/no-till

USED TRACTORS
JD 4430
JD 420
JD 3020
JD MT w/cultivators & plow
Case DB 885 w/Loader

USED HAY & FORAGE EQUIPMENT
NH 495 Mower Conditioner
JD 830 Mower Conditioner
JD 1209 mower conditioner
NH 479 Haybine
IH 1190 Mower Conditioner
Hesston 1010 & 1014 & 1090 Mower Conditioners
JD 1326 Mower Conditioner
Owatonna 235 12' Swing Tonge Mower Conditioner
Hesston 10 Stackhand w/Stack Mover
JD 2 Row Narrow Corn Heads
NH 2 Row W 880 Head
JD 336 Baler
Ford 530 Baler w/Thrower
NH 2 Row W Snapper Head for Forage Harv.
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NH 26 Blower

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NH 329 & 518 Spreaders

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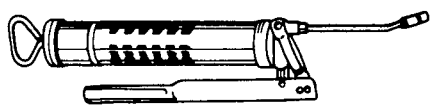

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- Loads three ways: Cartridge, Bulk, Suction
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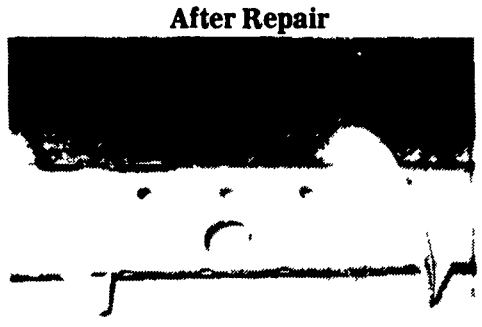
SCHMIDT

"HEAVY DUTY REBUILT TABLE AUGER"

Before Repair

After Repair



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IN CELEBRATION OF 50 YEARS IN BUSINESS, WE ARE OFFERING USED COMBINES AT LOWER THAN REGULAR PRICES!

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NOTICE

Our prices on the following combines include warranty, delivery, low rate financing or waiver, and a fair price considering trade-ins. We will adjust these prices DOWN if you want to buy without all these benefits.

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SPECIAL MONEY-SAVING FINANCING

Buy now & finance with MF at a low 6.9% APR...or choose waiver of finance charges till Jan. 1, 1986 on selected used combines.

USED M-F COMBINES

1984 MF 850 Corn & Grain Head	$62,000
1982 MF 860 V8 Hydro	$52,000
1980 MF 760 V8 Hydro	$35,000
1980 MF 760 V8 Hydro	$25,000
1980 MF 550 Hydro	$19,000
1979 MF 760 V8 Hydro	$29,000
1979 MF 550 Hydro	$19,000
1979 MF 550	$19,000
1978 MF 760 V8 Hydro	$29,000
1978 MF 760 V8 Hydro	$22,000
1978 MF 750 Hydro	$22,000
1977 MF 750 Turbo Gear	$25,000
1976 MF 760 V8 Hydro	$17,500
1976 MF 760 Hydro	$19,000
1976 MF 750 Hydro	$14,000
1976 MF 750	$12,500
1976 MF 750 Gear	$13,500
1975 MF 750 Gear	$19,000
1975 MF 760 V8 Hydro	$15,000
1975 MF 750	$12,500
1974 MF 760 V8 Hydro	$15,000
1974 MF 760 Gear	$9,500
1972 MF 760 Hydro	$15,500
1972 MF 510 Gear Grain & Corn	$12,000
1972 MF 510 Gear	$12,000
1972 MF 510 Hydro	$12,000
1972 MF 510 Gear	$9,000
1972 MF 510 Gear	$9,000
1972 MF 300 G Cab	$6,500
1971 MF 510 D Gear	$8,500
1971 MF 510 D Gear	$8,000
1970 MF 300 Cab	$6,500
1969 MF 510 D Hydro	$10,000
1968 MF 510 D Hydro	$9,500
1968 MF 510 D Cab	$8,000
1963 MF 300 SOLD	$3,400
1957 MH 82 12' w/P.U.	$600

Above Combines Include Grain Tables, Less Cornheads, 61 Cornheads In 2,4,6 and 8 Row Sizes.

USED TRACTORS

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MF 65 Gas M-P	$2,400
IH 574 Diesel Std.	$5,200
MF 265 w/Low Reduction	$12,000
MF 1155 Cab M-P	$9,000
MF 1135 Cab Engine O H.	$9,000
MF 178	$4,500
Oliver 1650 Gas	$3,500
Ford County 1164 4 Wheel	$6,800
MF 11 Shovel Loader	$9,500

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E.Z. 16' Forage Box & 12 T. Gear	$5,700
IH 330 15' Forage Box & Gear	$2,500
E.Z. 220 W Gravity Box	$590
MF 775 S.P. 14'	$3,000
Gehl 800 Recutter Blower	$2,000
Mott 72" Flail Mower	$1,575
Mott 72" Flail Mower	$1,050
New Holland 56 P.T. Hay Rake	$1,050
Tye No-Till 10' Drill	$8,500
MF 33 17 Run Grain & Fert. Drill	$2,200
MH 26A 15 Run Grain Drill	$150
MF 925 9' Haybine	$2,800
Mayrath 41' 5" Transport Auger	$300
Belt 16' Aluminum Elev. w/Motor	$750
Electrospray 110 Gal. Air Sprayer	$2,650
Walsh 3 pt. Sprayer w/Boom	$850
Kasten Manure Spreader As-Is	$400
Danuser Wood Splitter	$700
Danuser Post Driver	$1,300
Danuser Post Hole Digger	$590
Trail Blazer 3 pt. Crane	$129
(2) Trail Blazer 3 pt. Ball Fork	$195
MF 226 8' Scraper Blade	$535
York 7' 40BC Scraper Blade	$375
York 7' 55BC Scraper Blade	$590
MF 222 5' Scraper Blade	$310
York RW 7' Landscape Rake	$1,275
Zimmerman 8 Ton Gear	$680
MF 5 5th Wheel Steer Gear	$350
E.Z. 6 Ton Gear	$525
E.Z 1074 10 Ton Gear	$1,150

ADDITIONAL USED COMBINES

1976 JD 7700 Turbo Hydro	$26,000
1975 JD 3300 D Gear	$12,500
JD 45 10' Gas	$1,500
1966 Gleaner C Diesel Grain & 4 Row Head	$6,000
1968 Gleaner F Gas, SOLD s	$7,000
1969 Gleaner K Grain & 3 Row C.H	$6,500
1960 Gleaner A w/Grain Head	$1,500
1974 White 8600 Gas Hydro 13'	$8,000
New Idea 701 Uni System w/Combine	$3,500
New Holland 975 Gas 2 Row C.H.	$2,900

TILLAGE New - Used - Demo

Glencoe 13' Field Culti.	$2,100
Glencoe 11' Field Culti.	$1,900
Glencoe 9 Tooth Soilsaver	$6,900
Glencoe 7 T. w/Deep-Till	$6,700
MF 820 19' Wing Disc	$7,500
MF 820 19' Wing Disc	$8,500
MF 233 Disc Harrow	$4,100
MF 301 Soil Conditioner	$6,750
Amco F15B 18' Wing Disc	$12,800
MF 730 Offset Plow Harrow	$3,500
MF 345 3/16 Reset Plow	$2,800
MF 345 3/16 Reset Plow Demo	$2,500
MF 43 2/16 Plow	$1,150
MF 43 2/16 Plow Demo.	$1,050
MF 43 3/16 Trip Plow	$1,650
MF 880 6/16 Hyd. Reset	$6,500
MF 880 5/16 Spring Reset	$2,100
MF 880 4/16 Hyd. Reset	$1,200
IH 550 4/14 Semi-Plow 2 @	$650
Oliver 46 3/16 Plow	$425
Ferguson 2/14 Plow	$100
Semi-Plow 5/16	$700
Brady 10' Chisel Plow	$1,800
IH 45 3 pt. Field Culti.	$975
Bush Hog Offset Disc Harrow	$4,000
Kewanee 730 Wing Disc	$1,900
Dunham 12' Cultipacker	$1,290

DEMO & RENTAL TRACTORS

MF 4880 4-Wheel Drive	$49,000
MF 3545 Cab M-P	$28,500
MF 699 Cab	$21,000
MF 670 Cab 4-Wheel	$20,500
MF 670 Cab	$15,700
MF 250 8 Speed.	$9,750
Northwestern 81 Skid Steer w/Bucket	$14,500

MF Massey Ferguson

M.M. WEAVER & SON, INC.

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Ford 7400 4WD & DP
Ford 7600
Ford 7600 w/cab & DP
Ford 7700 w/cab & DP
Ford 8200 4WD 110 h p
Ford 8600 1972 w/dual power
Ford 9700 cab DP
Ford TW30 4WD w/cab & air
JD G
JD 2130 1975 w/cab
New JD 2750
JD 3040 w/cab
JD 3130
JD 4020
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AC D19

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TRACTORS

JD 3020 diesel
Super A Farmall w/cultivators
MF 35 gas, nice
MF 135 diesel
JD 2520 gas, $4,800
JD 2020 gas w/power steering, $3,850

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NH 477 haybine
Ford 536 7' haybine
Nicholson ground drive tedder
NH 310 baler w/thrower, $3,900
NH 489 haybine, $3,850
Int. 1190 9' haybine, $2,200
Hesston 1070 7' haybine
2 NH 479 9' haybines
Int. 990 9' haybine, sharp, $1,500
Ford 536, 9' hay SOLD
NH 68 baler, SOLD
NH 67 baler w/thrower, $1,000
Fahr 12' hay tedder, PTO, $900
NI 5 wheel rake, $350
NH 495 haybine, 12', $2,800
NH 256 rake, nice
NH 450 mo SOLD

GRINDER MIXERS

Gehl 95 Grinder Mixer
Bearcat 950 grinder mixer, all hydraulic, $1,850

FORAGE EQUIPMENT

Gehl 700 harvester narrow row corn head with 6' pickup, $3,100
NH 890 harvester w/2 row head, nice, $3,200
Int. 56 blower, $450
NH #8 self unloading wagon with roof, $1,800
NH 1 row snapper head to fit 770 harvester, $450
NH 718 harvester, 2 row narrow row, $1,900
NH Super 717 harvester w/1 row or 2 row head from $850-$1,050
Gehl 940 self unloading wagon, tandem axle w/roof, nice, SOLD $4,500
NH 25 blower
NH 707 harvester, 3 pt., $850
Gravity bin, 8 ton w/gear, $850
Int. 830 harvester w/3 row head & pickup head, $4,000

TILLAGE EQUIPMENT

JD 2500 5x18 semi mount spring reset plow, $1,950
Oliver 348 3x16 spring reset, $1,650
Int. 55, 11 tooth chisel plow
White 508 5 bottom semi mounted plow, $1,450
Int. 10, 5 shank sub soiler
Int. 475, 18' wing disc $1,950
MF 43, 22 disc c SOLD arp $1,450
JD AW Disk, 13' $750
2 Int. 4 row cultivators
Int. 710 6 bottom semi mounted plow, $800

MISCELLANEOUS

Lister diesel, 3 cylinder, 18 Hp engine, brand new, $2,200
Hog Built 257 tandem axle tank spreader, $1,800
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JD Belly mower to fit 950 tractor, $550

Horning's Farm Machinery
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Ford Tractors Equipment — NEW IDEA — HESSTON — WHITE FARM EQUIPMENT

USED EQUIPMENT

White 260 4WD
Farmall 340 Trac
White 2 135 Tractor
IH Cub Cadet 129 Lawn & Garden Tractor
Haybuster 107 No til Drill
Ford 11H Hydro Lawn Tractor
White 281 10 Offset Disc Harrow
AC 140S Manure Spreader
JD 5 Bot 18" Plow
JD 3 Bottom 14" Plow
Oliver 535 Combine 12 G H 3 Row C H
Amco Terrace Disk
NI 900 4 Row Planter
Ford #101 3 x 14 Plow (Excell)
MF 3B 14" Mtd Plow
Ford 2 Row Cultivator
Hesston 1014 Windrower
MM 3496 Combine Cab 2R Head 12' Grain Head
White 7300 Combine
Fox 728 2R Corn Head
Ford 1 Row Mtd Picker
NH 512 Manure Spreader
Hesston 7150 Forage Harvester
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Danco Rear Unload Forage Box
Cab for 5 or 7000 all Purpose

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JD 4630 Tractor w/Roll Guard
JD 4440 Tractor SGB
JD 4440 Tractor, Cab, Air, PS
JD 4240 Tractor, Cab, Air, Powershift
JD 4230 Tractor, Cab & Air
JD 4020 Side Console, WF
JD 2640 Tractor
JD 2840 Tractor
JD 2440 Tractor w/JD 146 Loader
JD 2010 Tractor
JD 1010 Tractor
Used JD 2640 Tractor
Used JD MT Trac.
Used 420 Lawn & Garden Tractors
NH 68 Baler
Oliver 1950 Tractor
NI 2R Corn Picker
AC 4R no-till corn planter
JD 7000 6R Consv. Corn Planter, Dry Fert.
JD 7000 4R Corn Planter
JD 3800 Chopper w/2R corn head
JD 24T Baler w/ejector
AC Disc on Transport
JD 110 Disc
JD Kilafor offset Disc
JD B Plane 15 Disc Grain Drill
NH Self-propelled Windrower
JD FB Grain Drill
John Blue 5020 Fert. Spreader
John Blue 500 gal. Applicator
JD 7700 Combine (1) w/643 Corn Head & Platform
Gleaner A Combine
JD 244 Corn Head
NI 279 Cut/ditioner
JD 1450 4B Plow
JD F145 5B Plow
IH 5B Plow
Used JD 115 Chuck Wagon

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USED TRACTORS

AC 7040, 7030, 7000, 6080, 6060, 190XT, D17's, D-15's, CA
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Ford 5000 gas, 4000, 2000, 800, 600, 8N's
JD 5020, 4323 w/cab, 3020, 2840 w/148 Loader, 2640, 2510, 2440, 2040
MF 265, 175, 135, 35
Yanmar 336, 4WD w/front end loader & backhoe
Yanmar 135D, 4WD w/mower

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Case 586C Fork Lift, Like New
Ford 4500 Fork Lift
JD 410 Tractor Loader Backhoe w/Cab
AC 715 B Tractor Loader Backhoe w/Cab
JD 2010 Diesel Crawler Loader
JD 2010 Crawler Loader, exc. Cond.
NH 225 Skid Steer
NH 425 Skid Steer, Low Hrs., Very Clean, 2 Buckets
JD 2010 Diesel Dozer w/Winch
Case 580C tractor loader backhoe w/cab
AC 655 Crawler Loader
JD 450C Crawler Loader Backhoe
Bobcat 611 Diesel Skid Steer
Ford 515 Diesel Tractor Loader, 3 Pt. & PTO
4 Used JD 440 Series Log Skidders
JD 430 Crawler w/blade

LIQUID MANURE EQUIPMENT

2000 Gal. Vacuum Liquid Manure Spreader
Patz 3 pt. propeller agiatator
Feed Easy 3,000 Gal. Liquid Tanker
Patz 3,000 Gal. Liquid Tanker
Better Built 1500 Gal. Liquid Tanker
Martin Scavenger S1666

HAY EQUIPMENT

Used NI, NH & JD Side Rakes
Used Fahr & Kuhn & Grimm Hay Tedders, PTO & Ground Drive
NH 273, 275, 310 w/Pan Thrower, 315, IHC 425 Balers
Hesston 5800, NH 850, 846 Round Balers
NI 7' & 9' Cutditioners
Hesston PT7, PT10, 1070, & 1090, NH 477, 489 Mower Conditioners

MISCELLANEOUS

Gehl CB1000 Forage Harvester, Like New w/2R Head
Used Flail Choppers, 2 NH 34 - Very Good JD 16A - Like New
6 Used NI 323 1R Corn Pickers
Used 2 R Pickers, Wide & Narrow Row w/Husking Bed Or Sheller
3 Pt. Fertilizer Spreaders, York Brakes, 3 Pt. Rear Scraper, Blades
Full-Line Bush Hog Mowers, 5, 6, 7'
42" Powered Rotary Cutters, Ideal Behind Your ATV
3 Used Hay & Grain Elevators 28', 36' & 48'
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New Farm Built 18' & 22' Steel Side Bale Bodies
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Good Selection used Forage Boxes, Forage Harvesters
JD 6500 Forage Blower
NI, IHC & NH Forage Blowers
Large Selection used Pickup Heads For Forage Harvesters Call For Your Needs

USED COMPACT DIESEL TRACTORS

Kubota 7100, 4 WD
Kubota 245, 4WD w/loader, coming in
JD 750 4WD, like new
Yanmar 135, 4WD w/mower
Yanmar 336 tractor loader backhoe

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JD A Cyclone, Rollamatic
JD 720 Diesel
JD 4010 Diesel, WF
Farmall Super C, Fast Hitch
Farmall H
Oliver Hart Parr 15-28 Rating
Huber
NI 323 Corn Picker

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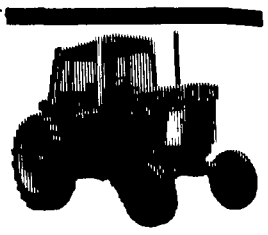
Sinking Spring, PA
215/678-0828



NEW EQUIPMENT
5100 Grain Drill, 16x7
475 Disk Harrow 12 ft.
2250 Loader w/72" Bucket
335 Running Gear 20,000 lbs.
510 5 Furrow Plow, 18"
86 Rake
15 Baler Thrower

USED TRACTORS
MM Model ZB w/blade
Farmall H
284D 161 hrs.
982 Tractor w/50" mower, 48" 3 pt. tiller, 42" woods 3 pt mower
Farmall BN w/mower
Farmall H
Moline Z-B w/blade & loader

USED EQUIPMENT
Woods model C114 rotary mower

case IH
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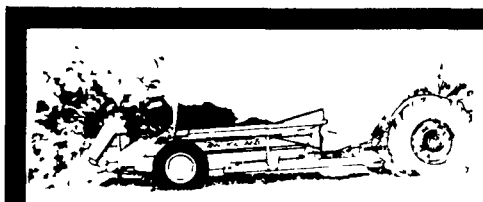
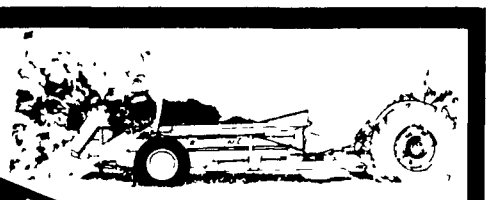
Thorndale, PA
Phone 215-269-2676



GET THE MANURE OUT



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300,325,327 328,330,331, 335	Steel	$ 262.13	20%	$209.70
675,676,677	Pintle	$ 703.95	30%	$492.76
679	Pintle	$ 889.63	40%	$533.78
519	Pintle	$ 701.59	40%	$420.95
513	Steel	$ 354.76	40%	$212.86
790,791	Pintle	$1,058.21	15%	$899.48
800	Pintle	$ 645.98	20%	$516.78
795	Pintle	$ 639.88	40%	$383.93

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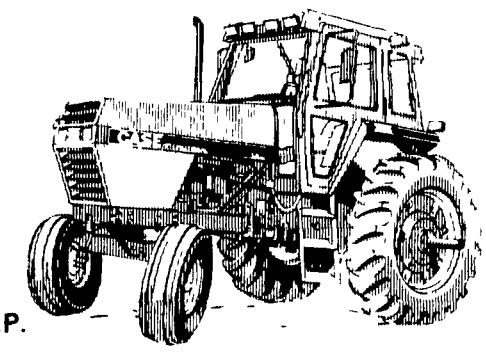
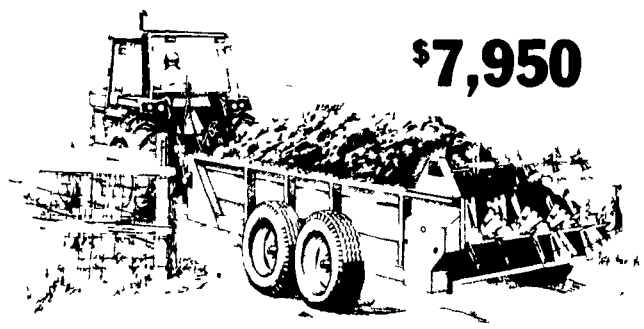
SEE THE NEW case IH RED TRACTORS



On Display:
- **MODEL 2294** 2WD, 131 H.P.
- **MODEL 3294** 4WD, 162 P.T.O. H.P.

CASE IH 595 SPREADER
w/Hydraulic Endgate, Upper Beater, Splash Guard

$7,950



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- Farmall 460
- Ford 4000 3 pt Hitch
- IH 350 Fast Hitch
- IH 154 Cub Loboy w/Mower
- IH Farmall Cub w/Mower

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- IH 400 Planter w/Liquid Fertilizer, 4 Row
- IH MF Drill 16x7 Disc Opener
- JD 16x7 Grain Drill Disc Openers
- IH 400 Planter, 6 Row w/Dry Fert

SPREADERS & GRINDER MIXERS
- NI 218 Spreader w/Gate Tandem Axle, Nice, 10 Ton
- NH 519 Spreader w/Top Beater Gate, Splash Guard
- NH 676 Spreader w/Hyd Gate
- NH 512 Single Beater
- NI 214 Spreader /Double Beater, Original Paint On Floor Like New
- NI 218 Spreader w/Tandem Axle, New Web
- NH 790 Spreader w/Hyd Gate
- NH Model 371 Tandem Axle Spreader
- IH 540 w/Pan

USED COMBINE SPECIAL

AC Gleaner K, 10' platform, 3R narrow cornhead, ex. cond., cut less than 800 acres.

HAY & FORAGE
- NH 275 Baler w/Thrower
- IH #7 Flail Chopper
- IH #40 Shredder 4 Row
- NH 2 Row Snapper 30" Rows
- NH 718 Chopper w/Head
- IH 56 Blower
- IH 555 Forage Harvester w/Cornhead & Pickup Attachment
- NH 269 Baler w/Thrower
- NH 717 Forage Harvester w/Cornhead & Pickup Attachment
- JD 14T Baler
- JD 24T Baler w/Thrower
- NH 320 Baler w/Thrower (Ex Cond)
- NH 1900 Forage Harvester S P w/4 Row Cornhead & Pickup Attachment
- NH 495, 12 Ft Haybine Ex Condition
- NH 489 Haybine
- IH 830 Forage Harvester 3 Row Cornhead & Pickup Attachment
- NH #8 Forage Box Wagon

SKID LOADERS
- NH L425 Skid Loader (Renter)
- NH L775 Skid Loader w/D130 Backhoe Ex Condition

TILLAGE
- Oliver 4 Row Cultivator
- IH Model 450 Plow

MISCELLANEOUS
- NH 960 Grain Platform 13'
- Walsh 300 Gal Trailer Sprayer w/Boom (used 1 time)
- Hesston Mower Cond , 9 Ft Cut, Ex Condition
- 1 Pr Dual Wheels & Tires 18 4x26 6 Ply
- 1 Pr Dual Wheels & Tires 31x15 5-x15 8 Ply

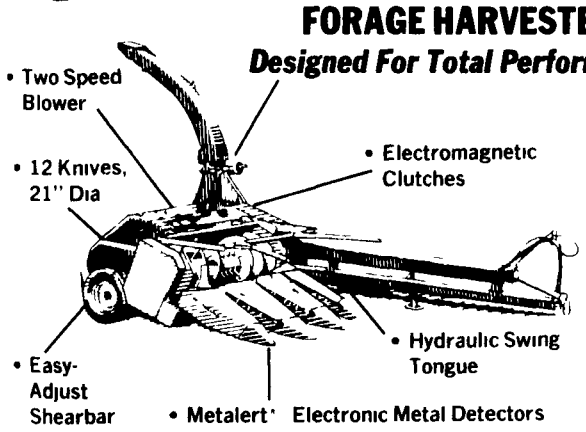
ATTENTION FARMERS: If Parts Are Needed After Hours To Keep You Going, Call Jay Gainer, Our Parts Mgr. At Home 653-2238.

YOUR FORAGE HEADQUARTERS

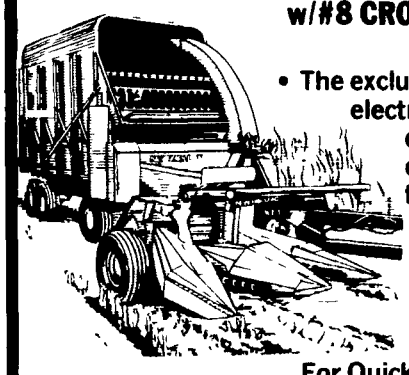
NEW HOLLAND

See The N.H. DISPLAY At AG PROGRESS DAYS

NH MODEL 900 FORAGE HARVESTER
Designed For Total Performance


• Two Speed Blower
• 12 Knives, 21" Dia
• Electromagnetic Clutches
• Easy-Adjust Shearbar
• Metalert' Electronic Metal Detectors
• Hydraulic Swing Tongue

NH 782 FORAGE HARVESTER
Featuring THE METALERT™ w/#8 CROP CARRIER



- The exclusive Metalert™ electronic metal detector prevents costly damage to the cutterhead.
- #8 Crop Carrier Features Worm-Gear Drive & Variable Speed

For Quick & Easy Unloading.

NEW

TOP QUALITY EQUIPMENT AT ROCK BOTTOM PRICES

- NH 353 Grinder Mixer w/Screen, 540 Heavy Duty PTO Shaft, Flotation Tires $5995
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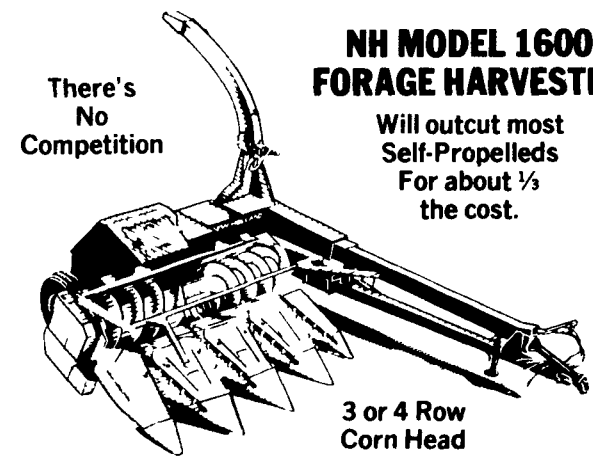
  PAY CASH & DEDUCT...$200
- NH Model 30 Forage Blower, Heavy Duty, 1000 R.P.M. $2765
  PAY CASH & DEDUCT...$75
- NH #8 Forage Box, 3 Beaters w/Roof, Heavy Duty Chain $5785
  PAY CASH & DEDUCT...$150
- NH 238 Wagon, 12 Ton, Tandem Axle, 12.5Lx15 Tires, Adjustable Tongue..... $1895
  PAY CASH & DEDUCT...$50
- NH 667 Tank Spreader, 847 Gal. w/Splash Guard, Hyd. Openers... $5595
  PAY CASH & DEDUCT...$150

A NEW GIANT: New Holland 1900 Forage Harvester

5 Year Cutter Head Warranty



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NH MODEL 1600 FORAGE HARVESTER

Will outcut most Self-Propelleds For about ⅓ the cost.

3 or 4 Row Corn Head

0% FINANCING FOR 12 MONTHS

- Waiver of Finance On All New Hay & Forage Equipment Till March 1986
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Ford CL 40 Skid Loader
Ford 6700 w/canopy
Ford 4200 10SP
Ford 4000 G SU
Ford 3600 D.
Ford 3000 8 speed
Ford 2110 LCG
Ford 1700, Like New
Ford 1000, Turf Tires
Ford 901 10 speed
Ford 801, PS
Ford 800 w/Post Driver
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Ford 601 w/Blades
Satoh w/Mower
Satoh Elk
AC D15 3 pt.
IH 666 D., WFE
IH 504, 3 pt.
IH SH w/loader
IH Cub w/Equip.
David Brown 1200
Case 580 Loader & Hoe
Case 830
JD 2840 w/Cab
JD 2240 w/Canopy
JD 2010 Gas
JD 60 PS, LPTO
MF 175 D 8 speed
MF 150 G, PS
Oliver S 55 3 pt.
Ford 6x16 Plow
Ford 4x18 Plow
Ford 501 Mower
JD 4x16 Plow
Ontario Grain Drill
JD 15' Disc
NI 323 Corn Picker
JD 1207 Haybine
JD 3300 Combine

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USED EQUIPMENT

TRACTORS
JD 2950 w/Cab Lo Hrs
JD 2550 w/Cab
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MM 445 w/Loader
JD B w/Blade
AC 190 XT Series III
Case 1816 B Skid Loader

USED HARVEST EQUIPMENT
AC Gleaner K Combine w/10' Platform
JD 14 T Baler
Ferguson 3 Pt Rake
IH #17 Hay Rake
Kuhns Hay Tedder
NH 1495 SP Windrower
NH 707 3 pt Harvester
NH 717 w/1-Row Head

NEW EQUIPMENT SPECIALS
1-Badger 7' Mower Cond. $6200.00
Hesston 5530 Round Baler $5900.00
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1-Glencoe 12½' Field Cult. $2525.00
Demco 8-Ton Wagon Gear w/11Lx15T&T $950.00

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JD 2550 MFWD, 600 hrs	$19,500
IHC 1066 Hydro w/Cab	$9,750
JD 730 Diesel 3 Pt	$3,985
IH 574 Diesel	Coming In
IHC 1486 w/cab, Duals MFWD	Coming In

COMBINES

JD 6600 Diesel	$13,500
JD 6600 Gas, New Engine	$11,800
IHC 82 Pull Type	$2,250
JD 4400 Diesel	Coming In
K2 Gleaner	Coming In

USED JD 4 ROW
Narrow Row Crop
$9950

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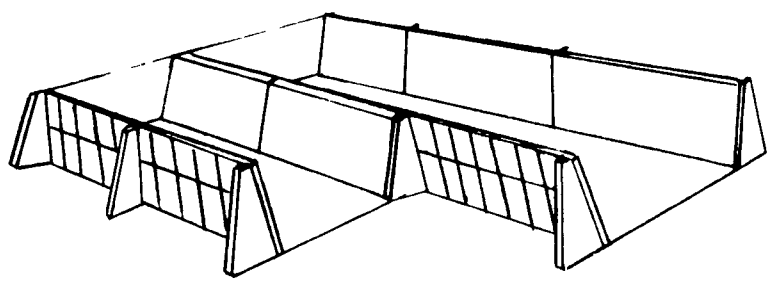

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And because Vicon engineers have reduced moving parts and chain drives to a minimum you get reliable trouble free performance season after season

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JD 4240 Quad range, fact. cab & air
(2) JD 4430, Quad range, factory cab & air, nice
JD 4020 Diesel, dual hyd , WF, side console
JD 4020 Side console, overhauled 1 yr ago fully equipped
JD 4020 NF, nice
JD 4030 w/cab, 38" rubber
JD 2940, 1980 model, fully equipped
JD 2640 Row Crop w/ SOLD 38 rubber
JD 2640 w/Hi-Lo, dual hyd with JD 146 loader
JD 3020 Side console WF dual outlets 2800 orig hrs very nice
JD 3020 D, PS, WF, dual hyd , recent engine overhaul
JD 70 D w/3 pt
IH 1566 factory red Cab w/air fully equip., exc cond
IH 1086, fact. cab & air, red cloth seat tractor
IH 1086, fact. cab & air, radial tires
IH 1466 Fender Tractor
IH 1066 Year round cab, 1 owner
IH 966 Black Stripe, 1976 model, low hrs , 1 owner
IH 966 fender tractor, 3 pt WFE
IH 1456 w/cab
IH 1256 w/complete engine overhaul
IH 1206 No TA, 3100 orig hrs Adjustable WF 3 pt dual hyd
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IH 884 w/TA, dual PTO's & dual hyds
IH 684 Dsl w/Int'l. 2250, nice unit
IH 584 Dsl w/750 hrs
IH 856 Dsl tractor w/turbo, 3 pt WFE 38" rubber
IH 656 Dsl w/rebuilt hydro , 3 pt. hitch, real nice
IH 656 Diesel, fast hitch WF, dual hyd
AC 5040 w/700 hrs

HARVESTING EQUIPMENT

NI Power Units
NI 708 Perkins diesel hydro w/cab
(2) NI 707 Perkins diesel w/variable speed & cab
NI 705 GMC V6 diesel cab, variable speed
NI 702 GMC V6, gas, variable speed, cab
NI 701 Inline 6 cyl., gas, variable speed, cab
(2) NI 717 combine
(2) NI 737 Husker, 1 used 400 acres
NI 741 Quicktach Throat
NI 740 QuickTach Throat
NI 731 4R wide corn head w/stripper bar
(2) NI 763 3R chopper head
NI 738 4 row narrow corn head, w/stripper bars
(2) NI 735 3 row narrow corn head w/stripper bar
(2) NI 725, 3R narrow corn head w/stripper bars
NI 730 4 row wide corn head snapper rolls
(2) NI 767 Super Chopper w/electric knife sharpener
NI 743 3 row narrow quick tach w/stripper bars
(2) NI 729A sheller
JD 443 4R narrow corn head

IMPLEMENTS

Glenco Soil Saver, 9 tooth
IH 800 Early Riser Planter, 6R, 200 acres
NH 790 Manure spreader w/hyd. endgate
Krause 22-04 disc, 13'
Brillion Cultimulcher 12'

MISCELLANEOUS

Dual wheels - 34's and 38's
Year round Cab to fit IH 544 to 686, like new
3 Cabs to fit 06 series thru 66 series IH tractors
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(New Eq.) New Brillion 25' hydraulic fold packer; New Int. 35 hydr drive rake (SOLD); New Int. 2250 loader.

New JD 4250 C.A., PS; Used JD 2940 w/front whl. drive & JD 260 Loader; Case 2090, C.A., PS; JD 716A Tandem Axle Silage Wagon w/roof & Rear Unload; JD 5440 SP Harvester w/Rear Whl. Drive, C.A., Hydro. w/3RN & PU Heads, also 4 Row Stalker Head, like new. JD 5200 D., C.A., Hydro. w/Rear Whl. Drive, real nice; Used White 5100 6R Planter; New Pequea Steel Rack Hay Wagons; Used NH 258, 256 & New NH 256 Rakes.

Used NH 1495 Hydro., S.P.D., Cab. Windrower.

Used AC 6080 w/R.G., real nice; JD 4320 w/Cab; New JD 4450 C.A., PS w/Front Whl. Drive, Used JD 4430 C.A., QR. NH 1034 & 1010 Bale Stackliner Wagons.

HAYBINES, Used NH 489; (2) 479; Avco NI 279 cut/ditioner, like new; NH 489 haybine for $7,485, only one New MC 7' Rotary Saythe for $4,850

Used NH 770, 717 PU heads, 7 to pick from. NI 402 Rake Harvester; NH 782, 770; 5 NH Super 717, choice of heads; (2) NI 213 Spreaders, Late Model.

(2) White 2-135 C.A.; White 549-6x18 on land sp. reset plow; JD 25' hydrafold field cult.; Farmall 666 D., WF; IH 884 w/TA & R.G., also 2250 loader; 1968 JD 4020 D. w/cab & dual hydr.; Krouse 13' mulch tiller.

JD 2020 Utility Gas w/2 Valves & JD Loader.

Oliver 4x sp. reset plow; JD F145-4x sem. plow; AC 200 w/cab, $7,850; JD 2020 d. w/loader; NH 275 baler w/thrower; JD 8300-23x7 D.D. w/grass seed; Int. 990 Haybine; Hesston PT7 haybine; NH 770 Harvester; NH 890 2 Row N. Snapper Head. 2 JD direct cut heads for 3960, 3940, 3800; NH direct cut heads for 770, 717, etc.; JD 7' hay pickup head.

(Combines on our lot)

1982 Gleaner N5 Series 3, 256 hrs. w/rear whl. drive 15' grain & 6RN C.H., like new.

Used IH 1460 Axial Flow, Very Nice. Fully Eq. New IH 1420 Axial Flow w/New 820 Flex Head.

Used 1460 IH Axle Flow w/820 Flex & 8RN C.H.; Int. 205 w/Cab & 10' grain.

Used JD 6620 L.L. one owner Hydro fully Eq. in field working. Used 1980 JD 6620 side hill 1 owner fully Eq., real nice.

Used NH TR70 Hydro w/15 ft. flex & 6 row; 1977 JD 4400 Dsl. cab & air, 890 hrs., nice. 1975 JD 6600 D rotary screen, good cond.

1977 JD 6600 Side Hill Hydro, one owner w/heads.

MF 300 dsl., C.A., 640 hrs. w/grain & 24 C.H., real nice.

'76 Gleaner FD w/C.A. IH 915 Hydro D. w/4 Row Corn Head, Real Nice for $10,800.00. 1976 Int. 915 D w/810 grain head, $15,900.00; MF 1977-760-V8 Hydro w/Rear Whl. Drive; MF 550D, excel. w/grain and corn heads. 1975-MF 510 D hydra. w/grain and 43 corn heads.

1969 MF 510 D, cab & 2 heads.

MF 300 w/cab & 2 heads.

1969 JD 55 sq. back corn special w/cab and 2 heads. Int. 715 gas w/cab, 810 Grain.

Gleaner F-2 Dsl. w/13' Grain. Int. 715 hydro drive w/grain; JD 55 sq. back w/cab & grain & 3 row 30" CH.

M & W 500 Bushel Grain Cart w/Tandem Wheels, Like New.

JD 6620 w/Fire Damaged Cabs.

Coming In. JD 7720 w/4 Whl Drive w/643 C.H. & Flex Head, 1980 MF 750 w/Gray Cab, Real Nice.

(Financing Available Also Lease Financing Available On Combines & Tractors).

We have 3 NI Uni 729 A shellers $1200.00.

2 new JD tractors

New 4240 C.A. P.S.

New 4240 C.A. Quad ~~$29,800~~ $29,500.

Used JD 4640 C.A. Quad w/Dual Wheels $27,000.

Used JD 4440 C.A.P.S., original, real nice.

Tractor Just Traded: Int. 5488 fully eq., like new w/radial dual tires.

JD 4230 C.A. Quad.

Ford 7600 w/Dual Power, Real Nice. JD 2940 w/400 hrs. $16,250.

JD 4520 w/fresh motor overhaul w/cab.

JD 4230 P.S. w/R.G.; JD 2630 D. w/Hi/Lo; JD 720 D., P.S. & 3 pt.

JD 4430, C.A., Quad.; JD 2840 w/R.G.; 3020 S.C. WF; JD 4020, WF, S.C.; 2 Valves Original; JD 5020 w/Duals, no 3 pt.

AC 180D WF; Ford 9600 w/cab; JD 7000 4 row planter $3950.

White 2-85 w/White 1840 Loader. Agri Power #9000 - 115 HP; by Fiat used 80 hrs., like new. Farmall 1566 C.A., black stripe. New JD 6 - row conservation planter w/fert., inst., & monitor; Priced for $12,900.00.

JD 2940 w/RG $15,500. Int. 656 Utility D. w/2250 Loader.

Farmall 186 Hydro Cab & Air; 706 Gas WF, TA, FH, Original. IH 3588 2+2 w/800 hrs.

Int. 354 Utility gas.

Farmall 656 Hydro D., real good.

BALERS JD 336 wire w/thrower (SOLD). JD 500 Round Baler $3,800.00. NI #456 Round Baler. NH 472 - 7 ft. Haybine, like new, $4,575.00. NH 477 haybine, 7 ft.

HAY EQ. NI 279-9' cut/ditioner; NI 7' cut/ditioner; MC7E Rotary Scythe; NH 770 717 hay pickup.

Hay Equipment Specials Haybines. Used Hesston 1014 Hydro; Swing, 12' $1,975.

Used NH 488 Haybine Baler.

NH 320, looks like new w/new #70 NH Thrower for $6950.00. JD 466, a real nice big baler $5,000.

JD 346 Baler w/Thrower; JD 336 Wire w/Thrower; MF #12 w/Wagon Hitch.

NH 273 w/Thrower; NH 280 wire baler w/motor.

JD 350, 3 pt. sickel mower, late model. Ford sickle mower.

JD 2940 w/R.G., real nice; JD 4320 w/cab; IH 784 D. w/2250 L. JD 4640 C.A. Quad, real nice w/Snap on Duals $26,000.

Int. 454 D. w/loader; Int. 574 D. w/Dunham Lehr Loader.

Arts Way 800B Feed Mix Wagon w/scales, like new $6,250.

1972-JD 4020 WF.

JD 720 D, Excellent w/3 pt. Farmall H w/Loader.

Int. 674 D. w/2250 loader.

Farmall 706 w/310 D., WF, 3 pt.

JD 4620 w/Cab and new tires, real nice, JD 4640 C.A., PS, 20x38 tires, w/Dual Wheels, fully equipped, 800 hrs., like new. Used JD 2640 w/Hi-Lo dual hydraulic, $9,875.00. Farmall 1086 C.A. Farmall 886 w/Cab and 18x38 tires like new. Case 930 D, original. New A.C. 8050 PS w/Radial Tires, list 56, cost 44, our price, $32,850.00. New AC 6080 Diesel.

JD 4630 cab, air, PS, w/Front whl. drive. JD 6030 C.A., duals, all original. Farmall 1586 C.A., real nice. Farmall 1486 C.A., w/Radial Tires, real nice, one local owner. 1066 Hydro original. Farmall 706 Gas, WF and 3 pt.. 766, original. NI 325 picker w/sheller like new. NI 324 Picker w/12 roll bed. Case 1370 C.A., PS, factory duals and full wts., $13,500.00.

Oliver 1855 w/20:8 Tires & Original Paint.

NI Combines, Just Dealt. NI 702 late model w/Heavy axle w/729 A Sheller. #743 - 3 row Quick Tach C.H., Real Nice & Field Ready. NI 738 4R N CH. NI 10 ft. direct cut head. NI 3 row 30" Silage Head.

NI 705 Uni D w/729 A Sheller & 3 Row C.H. NI 702D w/Burned Motor.

NI 713 Q Tach Grain Head. MF 1100D.

MF 1135 CA MP, Real Nice. Farmall 1468 C.A., $8,850.00.

Farmall 886 w/R.G., 560 D w/F.H.. Nice 756 D WF and F.H., nice.

Int. 574 Utility D, w/New Tires.

Farmall 706 D WF 3 pt.

Farmall 230 w/F.H. Int. 656 Utility D w/2000 Loader. Farmall 560 Gas; AC B w/Plow & Sickle Mower.

Farmall C w/cult.; JD 1010 w/3 pt. (SOLD); MF 180 D.; MF 65 Gas; #10 Flail Chopper.

Used NI 323 1 Row Picker, Real Nice, $2250.

AC 7010 C.A., P.S., 20:8x38 tires, full wts., light package looks like new.

Farmall 656 Gas. JD B.

JD 730 D. w/3 pt. $3,750. M.M. Vista 1000 w/Cab for $5,850.

JD 4010 D, $5450.00. 4010 Gas. JD 620 LP Gas.

JD 4020 S.C., P.S. JD 730 Gas. 4020 D WF, DL and 2 values w/Cab. JD 6030 C.A., real nice. Farmalls 1586 4 Post R.G. w/Duals. 1206, extra nice.

Int. 606 w/Loader. MF 175D w/R.G.

Int. 300 Utility. 2 Farmall H's.

IH 84 Hydro D.

(Harvesters). NH 890 w/3 row 30" C.H. 2 row snapperhead and pickup head.

Hesston #30 Stakhand.

CHISEL PLOWS. New Ford 13 ft. 3 pt. w/Gauge Whls.

Used Grim 4 star hay tedders.

NEW NI 406 Rake w/Front Whl, $2,275.00. Used N.H. 258 w/dolly whl.

Used NH 256, nice; Used JD 660 w/Front Whl.

Grinder Mixers. NH 357 for $3850.00. Gehl 95, real nice. NH 352.

Int. 1150, Real Nice.

New AC 7010 w/20 Sp. Trans. 110 HP for $19,800.00 now only $18,875 SPECIAL. MF 1135 w/Cab & Dual Wheels.

MF 1130 D, original.

Farmall 1566 Black Stripe w/Cab.

Case 1410 D, nice.

Cub 184 Loboy, 154 Loboy; IH Late Model Cub w/Woods mower; 2-9N Fords.

Cub 682, 128, 125. JD 317, 314, 400, 318, 214, 316.

Used JD 4230 CA, QR 4020 side console for $9,500.00

JD 4020 WF, original, excellent; JD 3020, S.C., WF.

Corn Heads JD 643, 444, 244, 843, 343, 443, 313 for 45C, 235. JD 443 w/Field Queen Attach. MF 1163. 63, 43, 44, 24, 222, 422. Gleaner L438, K238, A630 for L2 & M2, F430, G630, F335, F330, M430. Int. 863, 844, 744, 843, 227. NI 4 row 40" heads. Case 4 row 40". MF 43 Lo Profile. NH 4 row 38" White 704 corn head.

JD 443, used 2 seasons. 1981 JD 643 & 444 late model C.H. New JD 443 CH for $9500.00.

Ford 4 Row 30" C.H.

Used Int. 820 16' flex grain head, $4500.00.

Used JD 215 Flex Grain Head. Used JD 13' Grain Head.

4 used #810 Int. 13 to 16 ft. reg. and floating heads.

(New Farmalls). 5088 C.A. 20x38 tires; New 3688 fully eq.

Farmall 560 D. F.H., good.

IH 3588 2+2, local owner, like new.

Int. 574 utility D., $4,250.

(Used Farmalls). 966 original. 1206, real nice. We have 5 JD 4020 side console diesels. 1970 JD 5020, $6950 00. Ford TW20 w/Cab w/220 Hrs., Damaged.

Case Used 2590, fully eq., cab, air, PS, w/900 hrs.

New Case 1490, w/Heavy 66 Case Loader.

Case 930 Standard D, Real Nice.

AC D 17 dual IV w/3 pt./3 pt. Farmall 706 D, WF & 3 pt.

1971 JD 4020, original. Case 1070, PS, $6875.00. JD 630.

Long 910 D. MH-44 w/3 pt.

CULTIVATORS - New Case 3 pt., 8 row Hydro fold. JD 4 row & JD 6 row rear.

CORN PICKERS. 2 Used NI 325 w/12 roll bed, current model. Used NI 325 w/8 Roll Beds. (2) NI 324 w/12 roll bed. (325 N. w/Sheller). NI 3 row 30" Picker w/Super Sheller. New Idea Shellers and Super Shellers. NI 2 row N. w/Grinder.

NI 323, 1 Row, Like New.

NI 324 w/8 roll bed. NI 324 w/Super Sheller. 4 yrs. old for $3995.00. NI 325 w/Regular Sheller, nice.

New NI 324 Picker w/Super Sheller List, $15,390. Special $8,475.00. NI 319 Mtd. Picker w/Sheller. JD 237 w/Multi Lubes & Sheller Available.

Mounted Pickers. NI 305, 2 row for M, 450, 560 & JD 3020. Int. 234 for 560-656.

NI 727 Uni Husking Beds.

JD 4020 w/58 Loader.

Farmall 1568 w/Cab & air, used 1000 hrs. 1566 w/cab. 1466 w/Cab. Farmall 756 Gas. Hi Crop 656 Diesel, Hi Crop.

HARVESTERS. Int. 830 w/3 row 30" C.H., fully equipped. Fox Super D SP Chopper w/2 row & 3R.N. C.H.; JD 3800 w/2R C.H.; JD 5200 SP, 4WD, C.A. Hydro w/3 row C.H. & PU; JD 38 2 row 30" chopper; JD 3960 w/elect. controls. Direct cut head for JD 3960 & 3940.

JD 243 C.H. w/Adapter Plate for Chopper

JD 2R 30" C.H. for 35, 38, 3800, 3960.

Fox 3310 w/3 row 30" NH 717 w/2 Row 30" NH 890 w/3 row 30". 2 NH 890 2 row 38" cornheads. Fox 2 row Snapper Head. NH 770 1 Row Snapper C.H. NH 890, 2 new Snapper Head. Fox 2 row 30" Silage Head JD 1 row Snapper Head for 38 & 3800 JD 4 row Stalker Head, like new.

New JD 5½'. Used JD 5½' Pickup Head.

JD 8' Direct Cut Head; NI Uni 10' Direct Cut Head.

NH Direct Cut Heads for 770 & 717, like new

Gehl Recutter Blower.

ALLIS CHALMERS 7040 w/Cab, power shift, like new, low hrs. AC 7045 C.A., Fully Eq. 210 w/new 20.8x38 tires. AC H3 Crawler w/Blade and winch.

3 JD 4 wheel drives, 8630, fully eq. w/duals & 7520, fully eq., w/Duals.

JD 8430 fully eq. w/Duals & new motor nice.

FARMALLS. 806 w/3 pt. & 38" wheels. Farmall 656 Diesel & 656 gas. Farmall 826 Hydro D.

Farmall 450 gas w/PS & FH. Super C w/F.H.

New White 2-65 w/Front Whl. Drive and new 1730 Loader, List $29,000.00. Our price, $21,450.00 now $19,900.

MASSEY FERGUSON 1155, cab & air, M.P. for $8850.00. MF 184, 4 Wheel Drive. MF 175 D. MF 90D. Oliver 1950T w/Cab for $5,975.00. Oliver 2050D $7,850.00.

Oliver 1650 w/over & under shift-$4,650.

JD 2520D. MF 1135 w/R.G. and dual wheels. NH 890 2 row snapper head.

Ford 5000 D.

JD 1010 Utility Gas (SOLD); Ford 9N (SOLD).

JD A, Real Nice. Ford 860 w/Loader (SOLD).

IND. EQUIPMENT. Cat 955L Loader.

Int. 500 E Crawler Loader w/270 hrs., like new. Cat 933 crawler loader.

Int. 4500B dsl., 21' forklift; Int. 260A Dsl., L. & B.

JD 310 D, L & B (SOLD).

JD 840 Self-Loading Scraper.

Howard 3 pt. backhoe.

AC 600 21 ft. Forklift.

Gehl 3000 Skid Loader.

Case 530 D.L.&B.

MECHANICS SPECIALS:

JD 3010 D, L. & B.

JD 5200 SP Chopper w/fire damage, cab, good motor & rear whl. drive.

Farmall 1256, needs motorwork; Farmall 460 gas w/light fire damage, Also 460 D (SOLD).

Case 1212 D.

Case 900, Wrecked.

Case 1410. Farmall 706 gas, needs trans. work, $2700.00.

PLANTERS. Used Int. 800 six row air planter w/dry & monitor fully eq.

New JD 6 row Consv. w/dry fert., inst. & monitor- one left. Used JD 6 row Cons. w/liq. & frame mounted no-til.

Used JD 7000 4 row N, Dry Fert., Inst., monitor; Late Model, real nice; Used JD 7000 4 row N. w/liq. fert. & minimum till coulters.

Used JD 7000, 6 row w/dry fert. & no-til, fully eq.

AC 12 row No-Til Soybean Planter Oliver 6 row no-til w/dry fert., inst., fert. fill and population monitor.

IH 400 Cyclo 6RN, liq. fert., $1,850.

Cabs for JD and Int. 66 series Tractors

New full vision cabs for MF 165 thru 1135. Glenco 12 ft. 9" Soil Finisher, like new.

Brady 14 ft. pull chisel plow

MF 11' Mulch Tiller.

JD 1710 11' Mulch Tiller, like new; JD 230 hyd. fold disk; Glenco 13 Tooth Hydl. Fold Soil Saver; AC 26' Hydl. fold Disk.

Crust Buster 11' flex offset disc.

Miller 12 ft. offset disk.

JD Transport Wing Harrow.

Used Danuser Post Hole Diggers.

New JD Front Dozer Blade for 4520 thru 4620, 4430 and 4640 (SOLD).

2 NH 38 Flail Chopper, like new.

New 8 ft., heavy duty 3 pt. blades.

JD 6 & 8 row front cult. Oliver 3x Rollover.

Oliver 5x Semi Plow.

PLOWS. JD 5× Hyd. JD 2500, 6×18 sp. reset. Int. #700 6x16 sp. reset w/colters, etc. for $2650.00. Oliver 4x16 Rollover.

Int. 560, 5x16 semi.

Used Chisel Plows. Brady 12 ft. & 14 ft. Used 3 pt. Bush Hog 7 Shank V-Ripper. Bestland Rock Picker. New Johnson Loader.

NI 214 Flail Spreader w/Endgate.

NI 4 row Stalk Shredder.

Used Brillion 21' Hyd. fold cultimulcher.

Int. 480 20' Fold Disk.

JD 310 12' Disc

AC 16' Wing Disk; NI 12' Lime Drill; Howard 13' Rotovator.

JD 3 pt. 15' Rotary Hoe.

NEW: Side Winder 13' rotary cutter (some parts short), List $5,885. As is $1,650. Bush Hog 12' rotary cutter; Ferg. 3 pt. 6 bar rake, real good.

New Bush Hog 7' Pull Type Rotary Cutter (SOLD); Used Int. 13' 3 pt. Chisel Plow w/Gauge Whls.

Athens 9' 3 pt. chisel plow.

JD 12' pull type chisel plow. Int. 3 pt. 2 & 7 shank V Rippers.

Bush Hog 7 Shank V-ripper, $1,650.

New Landoll 24 ft. hydraulic fold chisel plow.

2 Used Brillion 21 & 25' fold Packers; Brillion 14' Packer; JD 3 pt. 5' Tiller.

Sunflower 18' hydl. Fold Chisel Plow, $1,850.

JD 1600 20 ft. Hydl. fold chisel plow. Int. Hyd. fold 20' field cult.

Grain Ovator Feed Wagon.

New Pequea 8x18 steel rack hay wagon w/Kill Bros. 8 ton wagon for $1,795.

Hub NH 42' PTO elevator, like new.

Farmhand Gr. Mixer for $1,650; IH 400 Cyclo 4R Planter w/Chute & Monitor, excellent; 6 row 3 pt. Styne Cult.

New DMI 12 ft. pull chisel plows. JD and Oliver 4, 6 & 8 row front mtd. cult.

Straw choppers for combines. JD 4400, 8820, 7700, 6600. MF 510.

Kawanee 22 ft. Wing Disk.

JD 8300 21×7 DD Grain Drill w/Soy Bean Attach. Used 100 acres, like new.

JD 8300 21×7 DD, $3450.00.

Int. 510 21×7 DD w/press wheels. 2 sets of press wheels for JD drills.

Int. 510 16x7 w/fert & grass seed.

Loaders. New Int. 2355

Used 2350, 2250; JD 158, 148, 48; New JD Loader for 400 & others. 2 MF 246 Loaders.

Int. 2050, 2001 loaders.

JD 58, 158, 148. Int. 2250, 2050. Int. set of forks, like new. Great Bend Loader, 3 pt. hitch for 630 and 730 JD Tractor. New and Used JD Quick Couplers.

New IH #80 3 pt. Snow Blower.

2 New sets JD 38" cast whls. & rims for 4640.

Int. Flattop Fenders for 706 to 1466.

TRUCKS. 1979 Chev. C65 24 ft. rollback, like new.

'76 Chev. 4×4 Pickup.

Int. Scout 4 whl. drive. Delta 44 ft. combine trailer.

New NH Direct cut head for 770. New Kill Bros. gravity bins. New Kill Bros. 6 & 8 & 10 ton running gears. Pick up heads for JD 3960, 3800 38. Fox pickup head. 20 set of dual wheels, all sizes.

JD front & rear weights. IH front and rear weights.

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HAY TOOLS

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JD 430 Rd. Baler
JD 327, 337 Balers
NH 316 & 320 Balers
NH 499 Mower Conditioner
NH 28 Blower
NH 472 & 489 Haybines
NH 451 Mower
NH 256 & 258 Rakes

TILLAGE EQUIPMENT

JD 2800 5B Plow
JD 235 19'11" Disc
JD 115 10' Disc
JD 215 11'5" & 12'10" Disc
JD 1610 Chisel Plow
JD 712 Mulch Tiller
JD 1000 2B Plow
JD 1000 3B Plow

OTHER EQUIPMENT

JD 1065, 1075 & 1275 Wagon

COMBINES & HEADS

JD 643 Corn Head

PLANTING EQUIP.

JD 7000 Cons. Pltrs. 4R
JD 8200 21x7 Plain Drills

USED EQUIPMENT

IH 966 Tractor ACWD
JD 3300 Combine
JD 237 Picker
JD 16' Grain Platform
Gehl 600 Forage Harvester
AC K2 Combine
JD 244 Corn Head
Fox 3000 Fg. Harv.
Lely Roterra 13'6"
JD 6 Row Max Emerge Planter w/Liquid Fertilizer
White 5400 No-Till Planter
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NI 325-327 2RN Corn Picker
Hesston 4RN Corn Head-Demo. Special Price
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Gehl BU960 Forage Boxes w/Tandem Gears
Gehl 1060 & 1260 Forage Harvesters
Dion BF 760 16' Forage Box w/Roof
Kill Bros. 350 Gravity Boxes
Gehl MX100 Grinder Mixer
Gehl MX135 Grinder Mixer w/Digital Scales
Glencoe 7 & 9 Shank Soil Savers
Hesston 2240 18' Wing Field Cultivator
Hesston 1150 12' Windrower

USED EQUIPMENT

Hesston Field Queen, 7600 SP Forage Harv., Cab, Air w/3RN & Hay PU
AC 330 3RN Stripper Plate Corn Head
JD 3 pt. 4B Plow
Mohawk 3 pt. 9 Shank Chisel Plow
IH 10 Grain Drill
IH 1PR Corn Picker
NI 311-313 2RW Corn Picker w/8 Roll Bed
(3) NI 323, 1R Corn Pickers
Kasten 16', 3 Beater w/Roof, 8 Ton Gear Unloading Wagon
Kasten 16' Forage Wagon
(2) Dion 16' Unloading Wagons
AC PTO Hopper Blower
Gehl FB88 PTO Hopper Blower
Fox 546 1R Harvester w/Hay PU
Gehl CB600 Harvester w/1R C.H.
NH 679 Tandem Manure Spreader
NH S676 Tandem Manure Spreader
Little Giant Corn Drag
NH 985 Combine w/13' Platform
IH Model 403 Combine w/Cab 3R C H

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JD 650, 750 & 2040 Tractors
JD 1209 Mower Conditioner
Brillion 16' Spring Tooth
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Bush Hog Post Hole Digger
Bush Hog RTL52 Tiller

USED EQUIPMENT

IH 300 Utility Tractor
JD 40S Tractor
1250 Broadcaster
AC 32 Disc
NI Rake
NI 7 Picker
JD B Tractor
JD MT
Ford 8N
AC WC

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JD 2040 Tractor, 700 hrs.
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JD FBA 13x7 Grain Drill
JD 400 L&G Tractor w/60" Mower
JD 317 Tractor w/Loader

Special Close Out Prices On The Following New Equipment

JD 1450 Tractor
JD 712 Mulch Tiller, 13'9"
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Woods 0121 10' Offset Rotary Mower
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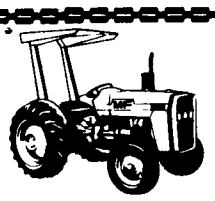

MF Massey Ferguson

TRACTORS & EQUIPMENT

MF 35 Tractor
MF 40 Diesel Tractor w/Loader
AC D17 Dsl. Tractor
MF 50C Tractor w/Loader & Cab
MF 760 Combine w/Attchs.

NEW M.F. EQUIPMENT

MF 240 Tractor
MF 240 Tractor
MF 1030 Tractor 4 WD
MF 1020 Tractor w/Turf Tires
MF 1010 Tractor w/218 Mower
MF 1010 Tractor
MF 236 Loader
MF #43 2B Plow
MF 320 Disc Harrows
MF 226 Scraper Blade
MF 227 Scraper Blade
MF 22 Bale Thrower
MF 218 3 pt. Rotary Cutter
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MF 1018 Mower

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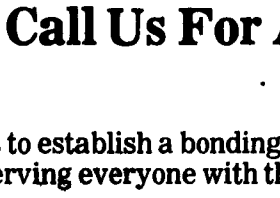
GOLDEN HARVEST PARTS, INC.



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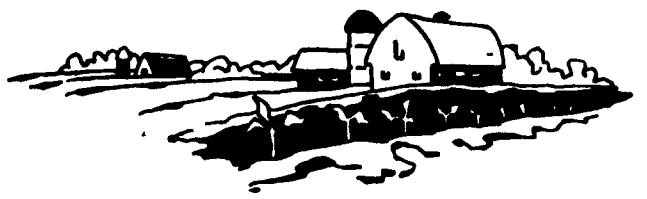
Now Serving The Agriculture Community With Replacement Parts For Your Harvestore® Structures.

We Stock Precision High Quality Parts - Which Include -

Link Belt Chains
Cutter Hook Kits
Paddle Kits
Sprockets
Back Bones
Cutter Arms
Discharge Housing
Granit Floors



Gears
Breather Bags
Goosenecks

Blower Pipes
Slip Pipes
Attachment Pipes

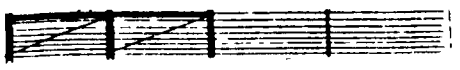
See Us At AG PROGRESS DAYS

Register For Free Door Prizes

Call Us For A Dealer In Your Area.

Our goal is to establish a bonding relationship between farmers, our dealers, and us, by serving everyone with the highest quality parts and the lowest prices.

PROOF!



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USED EQUIPMENT

4400 Dsl. Combine w/Grain Head
JD 443 Corn Head
Sauder Snowplow
6' 3 pt. Hitch Scraper
JD 54 3 PTH Rotary Mower
2 Wheel Trailer
5 Bottom 16" JD Model 1450
2,000 gal. Liquid Tank Spreader
Hesston 1014 Hydro-Swing, 12' Platform
1 Row & 3 Row Corn Head

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½ HP thru 10 HP 1 Phase
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AC 5050 4-Wheel Drive
White 2-150 w/Cab

SKID LOADER
NH 225
NH L35
Bobcat 530
Bobcat 371 w/2 Buckets

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NH 770 Harv w/2 Heads
NH 880 Harv. w/2 Heads
NH 33 Flail Chopper

HAY TOOLS
NH 280 Baler w/Thrower
NH 315 Baler w/Thrower
NH 469 Haybine
NH 479 Haybine
JD 1209 Haybine
Owatanna 217 Haybine, 9 Ft.
NI Rollabar Rake

SPREADERS
NH 367 Tank Spreader (L.H.)
JD 54 Box Spreader

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Brillion 14' Transport Harrow
IHC 400 4-Row, No Til
Case 7' Soil Controller

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NI 323 Picker
NI 324, 12 Roll Bed Gravity Boxes

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708 Diesel power unit, 717 Uni combine w/744 N corn head, 767 Super Chopper, 13' grain platform, 3 R RC head 30-38", ex. cond.
JD 4400 diesel, rotary screen w/13' platform, excellent
Case 600 combine, good
MF 760 combine w/hydro, cab, AC, 1163 corn head, platform
510 MF w/16' platform & 4 row corn head
750 MF w/14' platform, air cond., hydro, good. Reduced, $18,900.
(2) JD 444 corn head
NI 314 2 row pull type sheller
JD 300 Husker w/244 head
AC 72 pull type combine, auger platform, nice
Waiver on New & Used

GREEN VALUE EQUIPMENT

USED TRACTORS
JD 2010 Gas, nice $3,600
JD 70 Gas, excellent
JD 950 Tractor, 50 hrs., excellent
JD 950 Tractor, 375 hrs., roll guard & canopy
MF 65 tractor, good, new tires, reduced $3,200
JD B tractor, nice, reduced $900
Farmall C w/mower, plow, sharp, reduced $1,900
Farmall A w/blade, sharp
Farmall H w/cultivators, sharp
Farmall H, reduced $1,000
Farmall Super C w/cultivators, fast hitch
IH 350 utility, fast hitch, power steering
40 h.p. AC D15 Tractor, good, $3,200
Ansel cab w/AC and heater, AM-FM, fits late style 2440, 2640, excellent, $1,800
AC WD w/2 btm. plow

TILLAGE
IH transport disc, 12', good
12' Heavy Ford disc, like new
IH 720 4 btm. plow, excellent
(6) 2, 3, 4, 5 bottom plows
9' Case transport disk
18' transport harrow
JD BWA disk harrow 12'

DRILLS & PLANTERS
JD 246 planter, very good
(2) JD 1440 no-till planter, dry, insect., very good
JD 1240 planter, good cond.
(2) JD 7000 4 row conservation planter, dry, insect., markers, monitor, excellent.
MF Grain Drill, steel wheel, nice
(2) IH 56 4 row DD, dry fert.

HAY, FORAGE & MISC.
NH 273 Baler
230 Case Baler
JD 480 mower conditioner
(3) Used Flail Choppers
JD 506 Rotary Cutter
NH 717 Harvester w/2 RRC & pickup head
Wooden Hay Rack
Belly Woods Mower, fits 8N & 9N Ford
JD 38 Harvester
8' Brillion Cultipacker
JD 115 Forage Box
JD 750 grinder mixer, very good
JD 80 tool bar, 2 row cultivator
JD 216 Forage Wagon w/running gear $1,700
7' Woods, 3 pt. hitch blade
Ford 3 pt. hitch mower, $425
(2) 512 NH Spreaders, $1,000
IH 990 haybine
NH 479 haybine, new rolls
NH 68 baler w/thrower
NH 23 blower
Uni Loader

CLW Metal Hay Racks
25 Used Lawn & Garden Tractors

Eckroth Bros. Farm Equipment

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Int. 715 Diesel w/4 row narrow head, nice
JD 77 SOLD 2 heads
MF 750 w/grain head

USED TRACTORS
MF 1085D
IH 1066 Black Stripe w/cab
Int. 856
JD Model B w/Cultivators
IH Hydro 100 w/Cab
Farmall H
Allis Chalmers WD
Int. 1066 w/Cab
IH 966 w/2100 Hrs., Real Clean

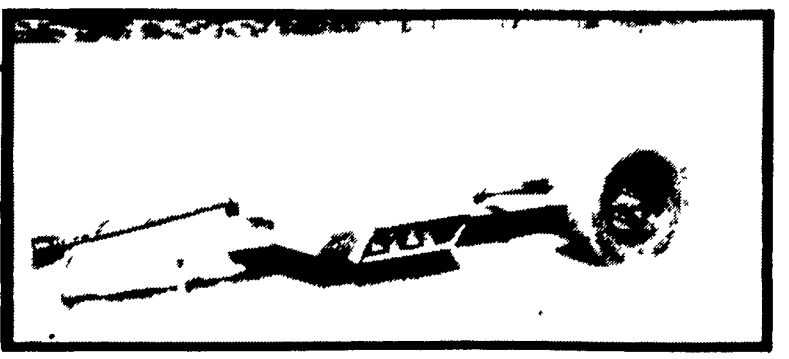
USED EQUIPMENT
Int. 800-6 row Corn Planter
Int. 710 5 F Auto. Reset Plow
900 Badger Blower
Huff Pay Loader
NH #518 Manure Spreader
Ontario Hoe Drill
Int. 2350 Mount-o-matic Loader
Int. 125 Ma SOLD Spreader, Nice
13' 3 pt. Chisel Plow

NEW GEHL EQUIPMENT
960 Forage Box w/roof
1540 Forage Blower
3510 Skid Loader

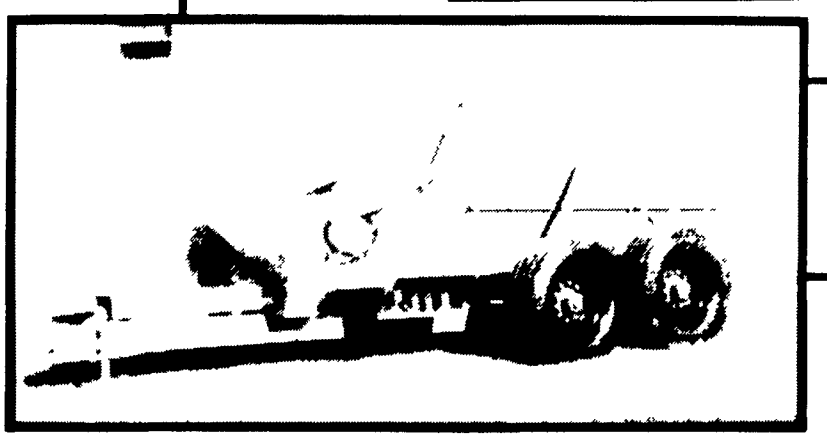
You can depend on a Knight
Since 1945

"SLINGER" MANURE SPREADERS

MODEL 912
900 GAL/190 bu.



MODEL 2500
2500 GAL/520 bu.



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AG WAGON MIX
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MIGHTY BITES
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Also One H 190 Used 3 Seasons Very Good Condition

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Badger Manure Spreader, 270 Bu. Capacity w/Tires, Hyd. Drive, Hyd. Endgate, Gratz T Bar Chain $4,400
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Bush Hog Wheel Carry Disk Harrow, Cut Out Disk On Front, Med. Weight Disk $3,575
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OMC 1700 Skid Loader, Wide Tires, Big Bucket 44 HP, Reconditioned
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OMC 207 Mower-Conditioner
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Case 1830 Skid Loader
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AC 2500 Disc 10 ft. 10 in.
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AC F3 Combine w/Floating Cutting Bar

USED TRACTORS

AC 7000 w/New Rubber
AC 5045 w/Loader
AC 175 w/Rebuilt Engine
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2 NH 717 Forage Harvesters
NH 770 Forage Harvester w/2 Heads
NH 328 Spreader
Starline Tank Spreader
Gehl 600 Forage Harvester w/2 Row Snapper Head
Gehl 600 Forage Harvester
NI Rake
NH 77 Baler w/ Motor Thrower
NH 78 Baler w/ Thrower
(2) NH 469 Haybine
JD 24T Baler w/ Kicker
NH 268 Baler w/Thrower
NH 269 Baler w/Thrower
IH 56 Blower
IH 80 Combine
IH 80 Pull Type Combine
NH 273 Baler w/ Thrower
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NH 518 2 Beater
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AC 460 Loader w/2 Buckets (Will fit AC 6080 Tractor)

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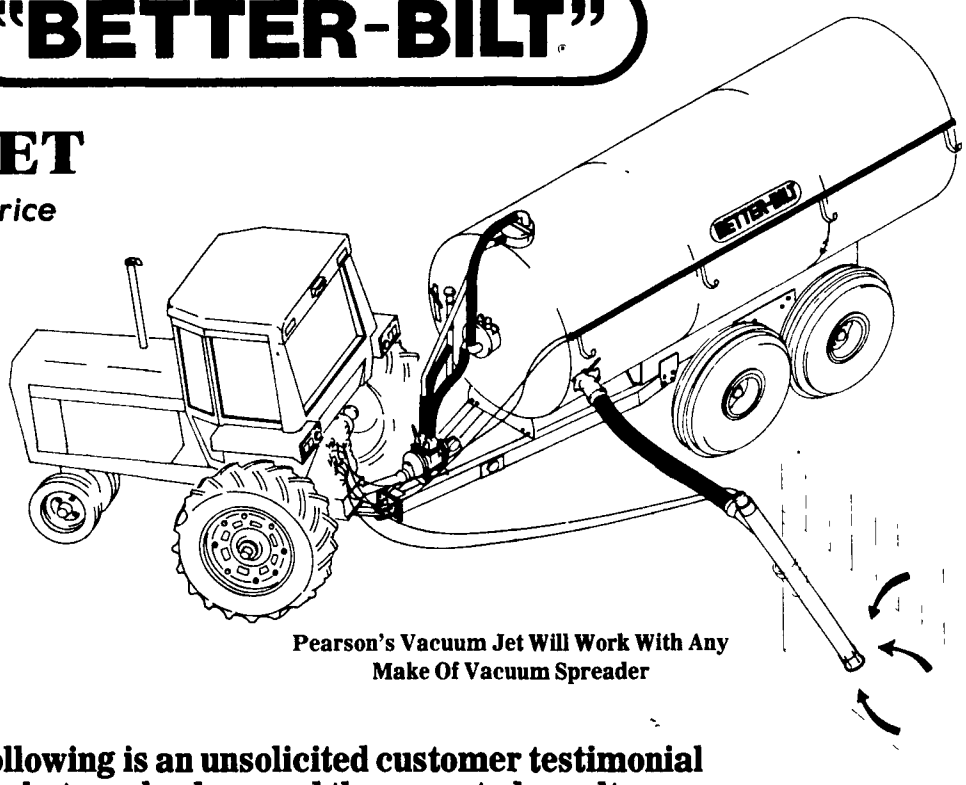
VACUUM JET

At An Inexpensive Price

- Pumps and Agitates.
- Reduces Loading Time.
- Light Weight.
- Saves Time.
- Does Not Filter Liquid From Solids.
- Takes Solids From Bottom First.
- Increases Lifting Abilities.
- Agitation Of Pit Not Necessary.
- Access Through 8" Hole.
- Equal Distribution Of Manure For Fertilizer Value.
- No Ventilation Problem.



Pearson's Vacuum Jet Will Work With Any Make Of Vacuum Spreader

The following is an unsolicited customer testimonial of what can be done and the expected results:

Dear Sir,

On July 2, 1985 we demonstrated the VACUUM JET PUMP on a farm and were very pleased with the results. The owner of this farm has a 3150 BETTER BILT spreader and had pumped out all the manure he could with the spreader the day before the demonstration.

In the time we were at the farm we took six more loads of manure from the pit using the VACUUM JET PUMP and could have hauled more if we would have had more time.

The pit we demonstrated in has had a solid problem for several years and was at least 70% solid. The owner of the farm has tried different types of additives and pumps and was very pleased with the performance of the jet pump. Due to our demonstration, this customer has ordered a jet pump and we have ordered four pumps to stock ourselves.

Sincerely,

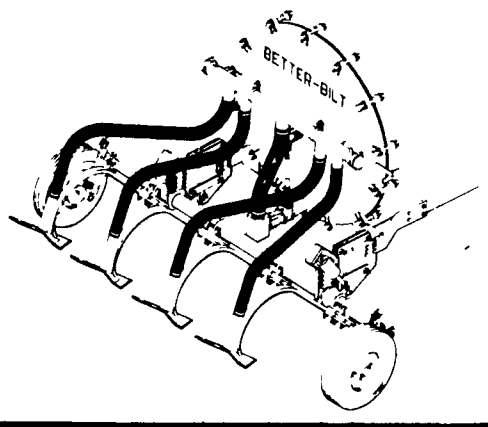
TRULY ONE OF THE BEST INNOVATIONS TO ENTER THE MANURE HANDLING SCENE IN YEARS!!

SEE IT AT THE AG PROGRESS DAYS SHOW

Better-Bilt Manure Equipment

Also On Display At The Show:

THE BETTER-BILT BIG FOOT REAR INJECTION SYSTEM



- Gauge Wheels For Positive Depth Control.
- 4 - 16" or 24" Sweeps For Wide Spreading Area.
- Better Fertilizer Utilization.
- Recommended Depth Of 5" to 6" Eliminates Ridging.
- Less Crop Damage By Manure Burning.
- Rear Mounted Behind Wheels For Less Compaction.
- Spring Shanks.

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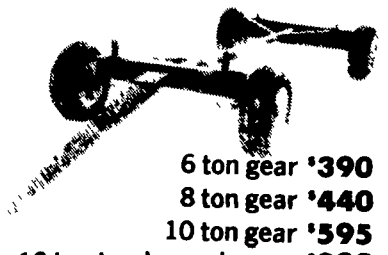

6 ton gear $390
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12 ton tandem axle gear $900
Gears w/8"x15" rims 5' tongue

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NEW EQUIPMENT
Gehl 1450 Round Baler
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Gehl 960 Forage Wagon
Gehl MX135 Mix-All

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Hesston 12 Ft. Direct Cut Header For A Field Queen $5,500

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NEW & USED QUALITY EQUIPMENT AT DISCOUNT PRICES

Dig Your Potatoes The Easy Way, 3 Pt, 1 Row Potato Plow, Reg. Price $97.85, Reduced To $78.50

1970 JD 450 Crawler Loader w/Rops

John Deere 400 Loader Backhoe w/Cab, No. 94 Backhoe

1978 580C Case Loader Backhoe w/Cab

Woods Model F35 H 234 60" Belly Mount Mower, #1726

New IH Model 234 Diesel Hydro Tractor, 18 HP w/3 Pt. & PTO

New IH Model 234 All Wheel Gear Drive Diesel Tractor

New IH Model 244 21 HP Diesel Tractor

New IH Model 254 24 HP Diesel Tractor - w/Turf Tires

New IH Model 244 All Wheel Drive Diesel Tractor

New Case 1194 43 HP Diesel Tractor, #1055 $9,300

New Case 1294 All Wheel Drive 55 HP Diesel Tractor w/Rops $13,800

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Case 2090 Tractor, No Cab, w/Power Shift, 1200 Hrs. #8849887

Case 970 Tractor w/Cab, Power Shift

Case 1690 Tractor, 90 HP w/Power Shift, No Cab

General Eager Beaver 9 Ton Tag-a-long Trailers, In Stock

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Used 12" Case Trenching Bucket For 580-680 Backhoes $280

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Hough Tow Motor Compact Lift, 86", Approx. 1800 To 2000 Lbs.

Komatsu D31A-16 Crawler Dozer, 1978 Model w/80%-90% Undercarriage, 65 HP

John Deere 510, #218212T, 1975 Model Diesel Loader Backhoe w/Cab

1979 Model 1845 Case Diesel Uniloader, #9842276

1980 Model 1845 Case Diesel Uniloader, #9850638 w/D130 Backhoe

Case 24" Trenching Bucket

Ford Forklift, 6000 Lbs., 12' Mast

Bobcat 530 Skid Loader, 24 HP Motor

1978 Case Model 780 Loader Backhoe w/Cab

Case 1070 Tractor, 110 HP, No Cab, w/Power Shift $8,800

Case 970 Tractor, 93 HP, No Cab, New Motor, Power Shift $8,900

Used Case 2090, #1492 w/Cab & Power Shift, 20.8x38 Tires

Allied No. 33 Rapid Ram Hydraulic Plate Compactor w/Chisel Breaker Point To Fit Backhoe Boom Of Case Model 580-680 Backhoes $3,800

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John Deere Model 500C Loader Backhoe Tractor w/Cab, 1977 Model

IH Model 1066 Tractor w/Cab & Dual PTO Shafts

Massey Ferguson Model 2745 Tractor w/Cab, 143 HP Rating, 1980 Model, 5540 PTO

IH 340 Tractor w/Loader, Power Steering, Gas Engine, Also Rotary Cutter

MM G1000 Diesel Tractor Completely Rebuilt, 540-1000 PTO, Approx. 100 HP Plus

White 4 Wheel Drive Model 4-150, 1977 Model w/3208 Cat. Engine

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IH Model 915 Combine w/15' Grain Header $15,900

Massey Ferguson Model 1500 4 Wheel Drive Tractor w/250 Cummins Diesel Engine, PTO Rating Of 240 HP

Massey Ferguson Model 1150 Tractor, No Cab

Massey Ferguson Model 1085 Diesel Tractor w/18.4x34 Tires, Power Adjust

Case 1290 Diesel Tractor, 53 HP, Low Hrs.

Bucket Attachment For Gehl Model 360 Skid Loader, #801747, 42" Wide $185

Good Used Gehl 1250 Forage Harvester w/Walking Tandem Axles, 2 Row Narrow Corn Head & 7 Foot Hay Pickup Available

Case Heavy Duty Cat 11 & 111 Adjustable Quick Coupler Hitch

IH School Bus Equipped To Haul Hogs, w/V8 Motor, Good Mechanical Condition, Best Offer

Pittsburg Semi-Mount 6 Bottom x 16" Moldboard Plow, Spring Trip (Not Automatic Reset Type)

Pittsburg Semi-Mount 5 Bottom x 18" Moldboard Plow, Spring Trip w/Gauge Wheel Attachment

Oliver 3 Bottom x 16" Rollover Plow, Cushion Trip Bottoms w/New Moldboards, Shears And Frogs

John Deere 10' Transport Disk Harrow Needing Repair (Make Offer)

Case 66L Front End Loader Attachment w/72" Wide Bucket, #1651212

IH 800 Early Riser No Till Planter w/Cyclometer III Monitor, Like New

Farm Hand Forage Box w/Roof & Conevyor Extension Discharge

Case Model 100 Hopper Type Silage Blower $485

Speedy 6 Foot Wide Pull Type Flail Mower $425

Hesston PT10 9½ Foot Mower Conditioner

Like New John Deere Model 148 Loader w/72" Bucket $2,450

12 Ton McCurdy Running Gear w/12.5Lx15 - 10 Ply Tires, Ext. Hitch

IH Model 56 Forage Blower

Brady 16 Foot Wing Field Cultivator $1,095

Sunflower 26 Foot Wing Disk Harrow w/21"x5/16" Blades (Can Be Divided To A Single 13' Offset Unit) Priced To Sell - Come And See

Gehl 1200 Forage Harvester, In Good Condition

Massey Ferguson Model 83 Grain Drill, Almost New

Used Mead 20 Ton 5th Wheel Trailer $2,380

Dunham 10 Foot Cultimulcher w/Cylinder & Hoses $975

New Rhino 4 Foot, 3 Pt Rotary Mower $425

New Rhino 5 Foot, 3 Pt. Rotary Mower $495

New Rhino 6 Foot, 3 Pt Rotary Mower, Shear Bolt Protected $695

New Rhino 8 Foot Heavy Duty 3 Pt. Rotary Cutter w/Twin Tail Wheels, Slip Clutch, Offset Hitch Attachment & Front Chain Guard Kit $2,590

Rhino R100 3 Pt. Blade, 6 Foot, #6323 $249

55 HP Rating Rhino LR 3 Pt. Blade, 7 Foot $495 & 8 Foot Model $525

80 HP Rating Rhino BR 3 Pt. Blade, 8 Foot $885

100 HP Rating Rhino R900 3 Pt. Blade, 8 Foot $985

100 HP Rating Rhino R950 3 Pt. Blade, 9 Foot $1,368

New Rhino Chisel Plows At Discount Prices, 5-7-10-11 Shank Models

Rhino Soil Saving Coulter Chisels In Stock, 5-7-9-11-13 Shank Models

New Demco 500 Gallon Field Sprayer w/40 Foot Boom, Hydraulic Drive Pump $2,995

Furest Drag Harrow, Ideal For Pastures, 10 Foot Width $632, 12 Foot $754

Furest 28 Foot Drag Harrow On Transport $3,153

Glencoe 7 Shank, 8'9" Width Soil Saver $6,250

New Gehl 1000 Forage Harvester, Less Heads w/Tandem Axle $10,595

New Gehl 1100 6 Foot Hay Pickup $2,129

New Gehl 3 Row Narrow Corn Head $5,930

New Gehl 960 Forage Boxes, Also New 650 Models, Discounted

New Gehl 1540 & 1580 Forage Blowers

New Gehl 100 & 135 Grinder Mixers, Discounted

Hardy RY15 Pack Pack Sprayers $89.50

I.M.C. 3 Pt. Carrier $45

New 3 Pt. Buzz Saws

4 Wheel Hay & Corn Fodder Rakes $495

Post Hole Diggers, 3 Pt. w/9" Augers $325 & 12" Auger $345

8 Cu. Ft. 3 Pt. Cement Mixer $485

3 Pt. Stone Rakes, 6 Foot $395, 7 Foot $410, 8 Foot $425 w/Gauge Wheels

New Rhino Model 25 3 Pt. Lift Disk Harrow, 6'3" Cut $518

New Rhino Model 62 Transport Disk Harrow w/Hydraulics, 8'2" Width $2,495

New Rhino Model 76R, 10'3" Cut Transport Disk Harrow w/Spring Flex Bearing Hangers, Double Offset Design $3,450

New Rhino Model 77R Double Offset Transport Disk Harrow w/Hydraulics, Spring Bearing Hangers, 13'1" Cutting Width Regular Price $6,326, Discount Price $5,370

Rhino Model 200 Heavy Duty Transport Disk Harrow, Double Offset Design w/Spring Bearing Hangers, Hydraulics, 4 Tires, Setup, 6200 Lbs. $6,200

Rhino Model 118 21'7" Cut Transport Wing Fold Disk harrow, Double Offset Design, 24" Blades, List Price $13,136 Sale Price $9,950

New Better-Bilt 26 Foot Lagoon Pump w/1000 PTO $5,125

New Better-Bilt 3350 Auger Matic Tank Spreader, Setup, Ready To Go $8,860

New Better-Bilt Model V50DT 2300 Vacuum Tank Spreader $8,995

New Clover Baler Twine & Poly Plastic Round Baler Twine

New Behlen Corn Cribs, All Sizes, Call For Your Needs

3 Pt. Round Bale Carriers

New Case IH Model 600 Forage Blowers

Pallet Fork Attachment For Case 54L Loaders $485

New 3 Pt. Fertilizer Spreaders, Model 1010, 10 Bushel $329, Model 610 $284

New IMC 8 Ton Wagon, Knockdown w/Quick Hitch, 8" Wheels $460

New IMC Pull Type Ground Drive 10 Bushel Fertilizer Spreader $395

New Knight Model 912 Slinger Manure Spreader $5,450

New Knight Model 252 - 350 - 450, Incl. Souper Solid Model Manure Spreaders

New Kuhn Rakes & Tedders At Discount Prices

New Kuhn 3 Pt. Tillers & HR450 15 Ft Power Harrow

New Gehl Model 2130 7 Foot Pull Type Mower Conditioner

New McCurdy Corn Drag, Less Motor $575

New Full Line of McCurdy Gravity Bins & Wagons

New Myers Forage Boxes

New Gehl Skid Steer Loaders, Gas & Diesel

South East Round Bale Feeders, RF 99L, 8" Dia. $98.50

New South East Tag-a-long 2 Ton Single Axle Trailer $1,172

New South East Tandem Axle Tag-a-long Trailer, 14 Foot, 4 Ton Capacity $1,685, 16 Foot $1,755

Waldemar 10½ Foot Land Roller $975

Used Case Model 220 Riding Mower w/Almost New 44" Rear Discharge Deck, 10 HP $1,950

Used Case Model 930 Comfort King Diesel Tractor, Wide Front, 540 PTO Standard Shift $5,400

All Items Subject To Prior Sale

LONG 560 DIESEL

- 4 Wheel Drive
- 50 H.P.
- New Paint

Thoroughly Reconditioned!

$6,900

CASE 730 COMFORT KING DIESEL TRACTOR

3786 Hrs., Standard Shift

ONLY $4,650

BINKLEY & HURST BROS., INC.
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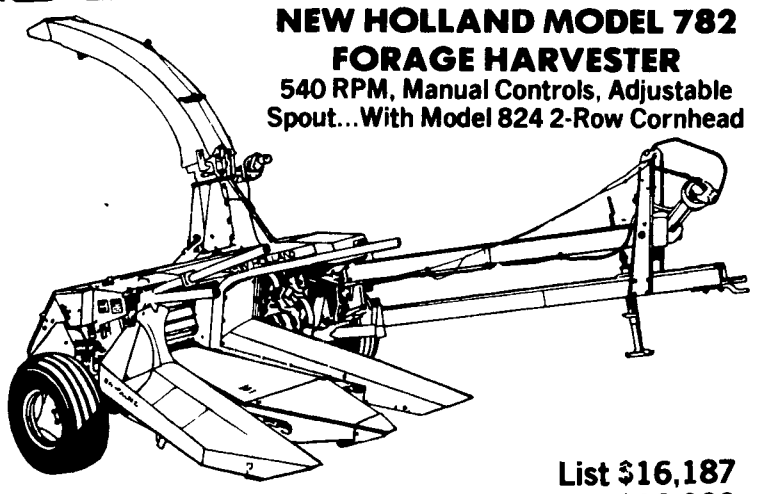
NEW HOLLAND MODEL 782 FORAGE HARVESTER

540 RPM, Manual Controls, Adjustable Spout...With Model 824 2-Row Cornhead



List $16,187
Sale Price $12,300
Cash Allowance ..... -400
FINAL COST $11,900

NEW HOLLAND
Products of SPERRY NEW HOLLAND

NEW HOLLAND MODEL 892 FORAGE HARVESTER
1,000 RPM, Electric Controls, Metal Detector and Adjustable Spout... With Model 824 2-Row Cornhead
CALL FOR SPECIAL PRICE!

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Fox 3 row wide chain cornhead.

John Deere 4 row wide cornhead

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FOR SALE:

Van Dale Magnum Silo Unloader for a 20x60 silo, little use, Best Offer; NH 354 Chop Mill (nice) $3,000; IH 56 Blower $350 AC 14 ft Wheel Disc $1,075; Ford 4x16 Semi Mt. Plow $475; IH 2 Row Corn Picker; NI 2 Row Corn Picker; Ford 9N Tractor, new paint, front bumper & pulley $1,650; 10 ft. cattle trailer for farm use $275; Selling parts off 6000 Ford Diesel; Parts for J.D. 24-T, 14-T, N.H. 68, 69, & 66, I.H. 46 and 47, and MF No. 3 balers. Parts for I.H. #10, J.D. Oliver Superior disc grain drills

Keiter's Used Farm Machinery
Robert L. Keiter
R.D. #2, (Carsonville)
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717-362-9096

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Sales - Parts - Service

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(2) New Long 610, 64 HP - **$10,250**
New Long 310 28 HP - **$7,000**
Long 1549 loader - **$2,400**
New Long 310 DT, 28 h.p. - **$8,700**
New Long 1199B, 3 pt. Backhoe
1553 Traveler Irrigation

¼ Mile East of Exit 6 I-81 on U.S. 30
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Mitsubishi 160 4 WD
For Only $5,995

Mitsubishi tractors range from 15 h.p. to 38 h.p. for your small farming needs.
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See The CASE IH Display At Our Exhibit During

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Highlighting

THE CASE IH 2096 TRACTOR

115 HP, All-Wheel Drive

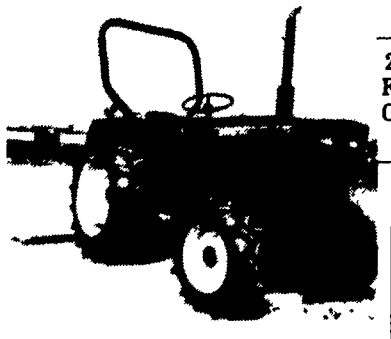
On Display And In Action!

Ideal For The Small Farmer Or The Home Owner Who Wants Diesel Power Economy And A Very Good Deal On A New CASE IH 200 SERIES High Performance Tractor Now!

18 HP Model 234 All Wheel Gear Drive With Farm Tread Tires, PTO, 3 Pt. Hitch.

21 HP Model 244 All Wheel Drive Syncro Trans, With Farm Tires, PTO, 3 Pt. Hitch, Power Steering And A New Heavy Duty Ag-Tech Front End Loader With Single Lever Control Valve And 60" Wide Bucket.
ON DISPLAY

18 HP Model 234 w/Hyd. Drive & 60" Woods Belly-Mount Mower



24 HP Model 254 All Wheel Drive With Farm Tread Tires, 3 Pt. Hitch, 2 Stage Clutch Live PTO
ON DISPLAY

24 HP Model 254 2 Wheel Drive With Lawn Type Turf Tires, PTO, 3 Pt. Hitch
ON DISPLAY

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See These Tractors At Binkley & Hurst's Display At AG PROGRESS DAYS

BUY AT SPECIAL SHOW PRICES

- **CASE 1494 TRACTOR**
  75 HP w/Cab, Air, Heater, Standard Shift, Mechanical Front Wheel Drive. Equipped w/Sun Roof, Double Hyd. Outlets, 540-1000 PTO Serial #11276614

- **CASE 1394**
  Fender-Type Tractor w/Power Shift Trans. Serial #11136331
  A Demonstrator

These Tractors Will Be Displayed At The Case IH Exhibit During Ag Progress Days

WHEN YOU WANT THE JOB DONE RIGHT, DO IT WITH RHINO EQUIPMENT

Tops In Quality And Performance

See On Display And In Action At AG PROGRESS DAYS

RHINO

A Disk Harrow That Is Self-Leveling With A Flex Frame And Rock Flex Bearing Hangers

The Do It All Cut And Finish

RHINO 76 & 77 DOUBLE OFFSET DISK

With or Without Wings

A Do-It-All Cut & Finish... And Affordable!

If you want faster incorporation, better seed beds, and less time in the field, Rhino Products R76 is the disk for you. The advanced Double Offset design lets you disk at faster speeds, vary the field speed on-the-go, and still leave a uniform level seedbed behind

2 YEAR GUARANTEE ON QUADRASEAL™ ROLLER BEARINGS AND THE C CLAMP FLEX HANGER

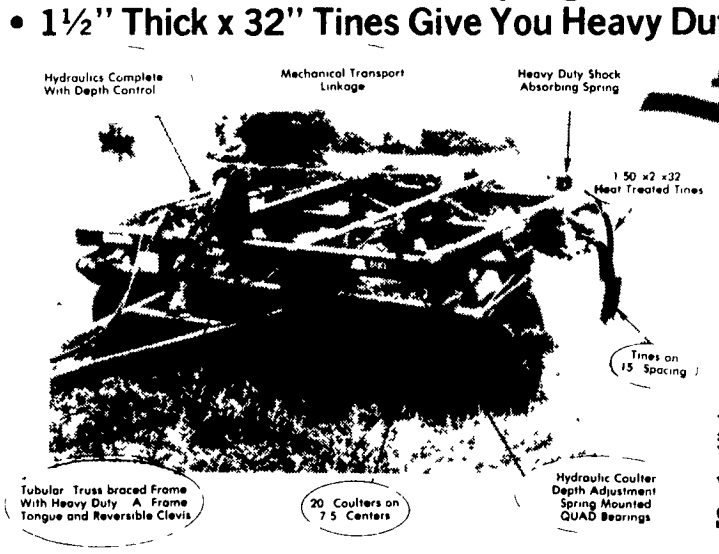
RHINO 890

Nobody Offers More Trash Clearance Than Rhino High Quality, Heavy Weight, Soil Saving Coulter Chisels For The Price

NOTICE: *POWER SAVING FEATURES*

RHINO

- Features Hydraulic Raised and Lowered Coulter Gangs That Allow You To Raise Slicer Blades When Not In Trash That Saves Power, Fuel, Gives More Speed, Less Wear, Then When You Reach The Heavy Trash That Needs To Be Cut, You Lower Slicer Blades and Keep Right On Going!
- 1½" Thick x 32" Tines Give You Heavy Duty High Clearance!


Hydraulics Complete With Depth Control
Mechanical Transport Linkage
Heavy Duty Shock Absorbing Spring
1.50 x 2 x 32 Heat Treated Tines
Tines on 15 Spacing
Tubular Truss braced Frame With Heavy Duty A Frame Tongue and Reversible Clevis
20 Coulters on 7.5 Centers
Hydraulic Coulter Depth Adjustment Spring Mounted QUAD Bearings

Best Of All More Weight Less Cost

NOTICE: This Enables You To Lift Coulters Out When Not In Trash — SAVE POWER & WEAR

RHINO

DO THAT SPRING GRADING JOB WITH A HIGH QUALITY RHINO 3 PT. SCRAPE & GRADE BLADE!

In Stock - Immediate Availability

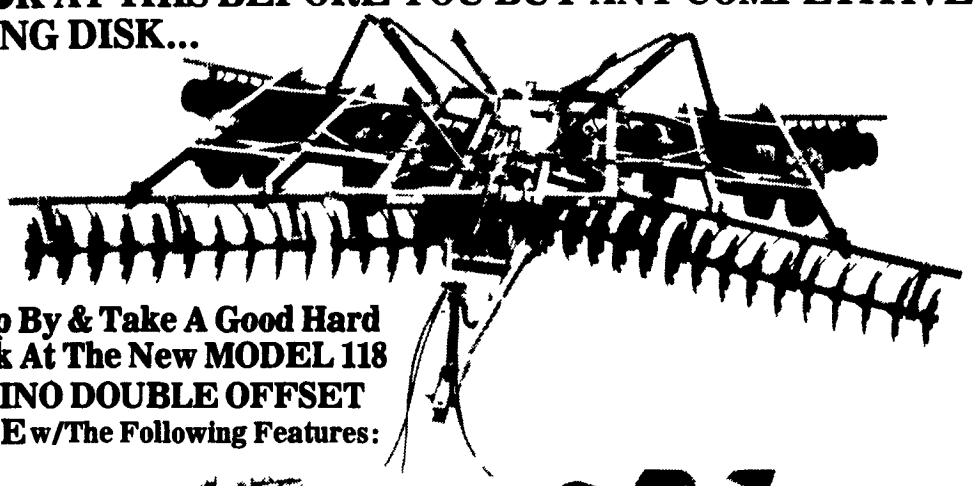
See In Action & On Display

The New Heavy Weight RHINO 200 SERIES DOUBLE OFFSET DISK

Spring Bearing Hangers, 10'2" Cut w/a Midwest Buster Bar Attachment.

Ask About Our SPECIAL SHOW PRICE

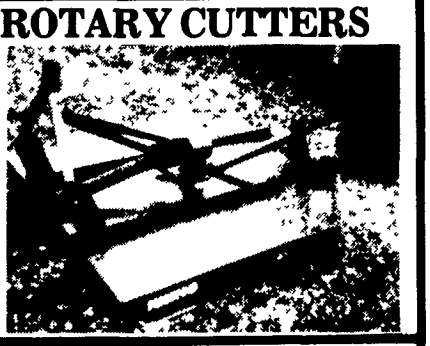
LOOK AT THIS BEFORE YOU BUY ANY COMPETITIVE WING DISK...



Stop By & Take A Good Hard Look At The New MODEL 118 RHINO DOUBLE OFFSET TYPE w/The Following Features:

RHINO SE SERIES ROTARY CUTTERS

- 4 Ft. Model SE4 List $525..... SALE **$425**
- 5 Ft. Model SE5 List $546..... SALE **$495**
- 6 Ft. Model SE6 List $929..... SALE **$695**
- 7 Ft. Model SE7 List $1,495 .. SALE **$1,196**



118 Spring Bearing Hangers

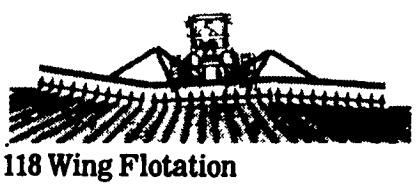
Guaranteed Quadraseal® Bearings

RHINO 3 PT. LIFT DISK HARROWS

In Stock

Over 9 Different Models And Size Combinations To Fit Your Needs At DISCOUNT PRICES

118 Leveling System



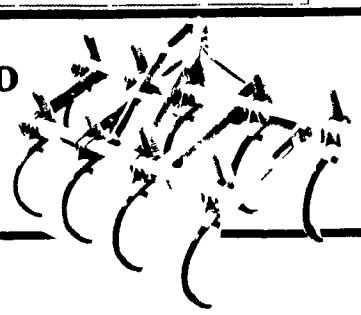
118 Wing Flotation

RHINO

CHISEL PLOWS YOU CAN AFFORD

In Stock:
- 5 Ft., 2 Bar
- 7 Ft., 2 & 3 Bar
- 11 Ft., 2 Bar

Great Quality At Good Prices



RHINO

THE HEAVYWEIGHT CHAMPIONS

At The Right Price

Several In Stock

Come And See What High Performance Does!

Factory Reps On Hand To Answer Any Questions

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DID YOU KNOW *BINKLEY & HURST BROS.* REPRESENTS THE FOLLOWING DISTRIBUTORS?

- J.I. Case Company
- McDade Company
- J.S. Woodhouse
- Gehl Company
- Todd Farm Equipment
- Cummings & Bricker, Inc.
- Hamilton Equipment
- Unverferth McCurdy
- Ryder Supply Co.

AND SELLS THE FOLLOWING PRODUCTS:

Case IH Full Line Of Tractors & Equipment	Speed King TRANSPORT GRAIN AND FERTILIZER AUGERS	Landoll TILLOLL - SOIL FINISHERS AND SOIL-MASTERS	Unverferth McCurdy GRAVITY BINS, TRUCK AND GRAVITY BIN HYDRAULIC AUGERS, HIGH PERFORMANCE SHORT TURN RUNNING GEAR
Knight MIXER WAGONS AND MANURE SPREADERS	GEHL® FORAGE BOXES, MIX-ALLS, FORAGE HARVESTERS, FORAGE BLOWERS, SKID LOADERS, ETC.	TRI-STAR HYDRA-FORK BALE CARRIERS AND ROUND BALE FEEDERS	FARM TIRES WAGON, TRACTOR, TRUCK...ANY TYPE YOU MAY NEED
Dunham Lehr Inc LOADERS TO FIT MOST TRACTORS, CULTI-PACKERS, CULTI-MULCHERS, CHISEL PLOWS	BUSH HOG® ROTARY CUTTERS	BEHLEN CORN CRIBS R.J. LEE COMPANY MEYER'S MANUFACTURING Forage Boxes, Hay Equipment	Unverferth and DMI TRACTOR RIMS AND DUAL WHEEL KITS
AMCO DISC HARROWS	KUHN HAY RAKES & TEDDERS	Century SPRAY KING SPRAYERS	BALE THROWER WAGON BODIES AND FLAT BEDS
Glencoe SOIL FINISHERS FIELD CULTIVATORS SOIL SAVERS	SOUTHEAST ROUND BALE CARRIERS ROUND BALE FEEDERS, ETC. ROTARY CUTTERS	HARVEST-HANDLER ALUMINUM ELEVATORS	Ag-Tech LOADERS AND BUCKETS
ZIMMERMAN RUNNING GEARS & ELEVATORS	BER-VAC SNOW BLOWERS	Rhino by Athens CHISEL PLOWS AND DISCS	BUCKETS & FORKS MADE TO ORDER FOR ANY SKID LOADER OR YOUR TRACTOR LOADER

Ready For Work
USED 1980 CASE 45 HP DIESEL MODEL 1845 UNILOADER w/D130 BACKHOE ATTACHMENT

Digs 130'
73 Bucket w/Shanks & Teeth Approx 16" Trenching Bucket On Backhoe Attachment All For

ONLY $12,800
#9850638

FL 44D WHITE FORKLIFT

w/4 Cyl. Gas Engine, Almost New Short Block, Mechanical Shuttle, 14½', Approx. 4,400 Lbs.

TWO SUPER DUTY TRUCKS

Kenworth 14' DUMP TRUCK

Tandem Axle w/290 Cummins, Jake Brake. Reconditioned Motor, 13 Speed Road Ranger, Approx. Mid - '70's

Ready For Work

ONLY $15,800

CASH & CARRY
You Haul Away

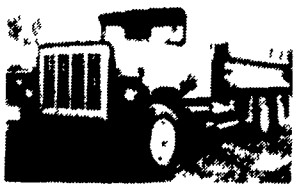
- 20.8x38 8 Ply New Take-Off Rear Tractor Tires **$395**

- 20.8x34 8 Ply **$410**
- 20.8x34 6 Ply **$390**

JD 400 DIESEL LOADER BACKHOE

w/No. 94 Hoe Attachment

$10,800



IH 4300 TRUCK,
1976 w/350 Cummins & Jake Brake, 15' Steel Box, In Good Mechanical Condition

Ready For Work

$17,800

JD 500C LOADER BACKHOE

1977 Model, Approx. 2400 Hrs. ONLY

$18,800

CASE MODEL 780 WHEEL BACKHOE LOADER, 1978

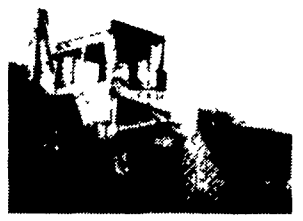
- Approx. 3107 Hrs.
- In Very Good Condition

Serial #2067

ONLY $19,800

Good Used Speed King 36 Ft. CORN & BALE ELEVATOR
w/2 HP Motor, Swivel Head **$1,550**

JD 510 DIESEL LOADER BACKHOE



- 1975 Model
- Serial #218212T

ONLY $17,300

WE HAVE A GOOD SELECTION OF USED TRACTORS AND MACHINERY

Our Business Is Built On Service

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Ask For • DON HOOVER • RICK PFAUTZ • MERVIN NISSLEY *And SAVE!*

SEE ALL THIS

case IH

200 SERIES TRACTORS - 18 HP to 24 HP w/Compatable Attachments Such As Rototillers by Kuhn; Stone Rakes by IMC; Rear Mount Mowers by IMC; 3 Pt. Disk Harrows by Rhino; 3 Pt. Blades by Rhino; Loaders by Ag Tech; Plus Much More!

RHINO

TILLAGE EQUIPMENT - Including Chisel Plows, Double Offset Disk Harrows, Soil Saving Coulter Chisels, 3 Pt. Rotary Mowers, 3 Pt. Blades, 3 Pt. Disk Harrows.

GENERAL EAGER BEAVER TAG-A-LONG TRAILERS - 9 Ton, 20 Ton At Special Prices

SOUTHEAST Line Of Tag-A-Long Economy Trailers

AG TECH Manufactured Replacement Skid Loader Attachments For Most Brands - Complete Line Of Buckets, Manure Forks, Pallet Forks, Etc. At Discount Prices

GENERAL EAGER BEAVER HIGH-QUALITY TRAILERS

Factory Rep On Hand To Answer Your Questions

9 TON DECK-OVER-WHEELS 9 DOW

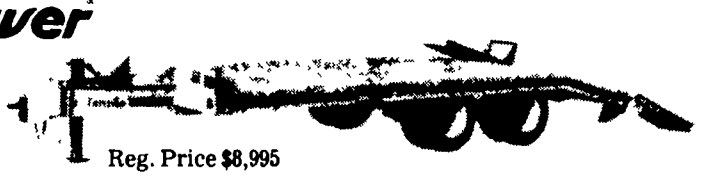
ONLY ..... **$4,197** On Display

Budd Wheels Model **$4,397**

Eager Beaver 10 TON TRAILER w/AIR BRAKES

Introductory Offer Only

$7,385 No F.E.T.



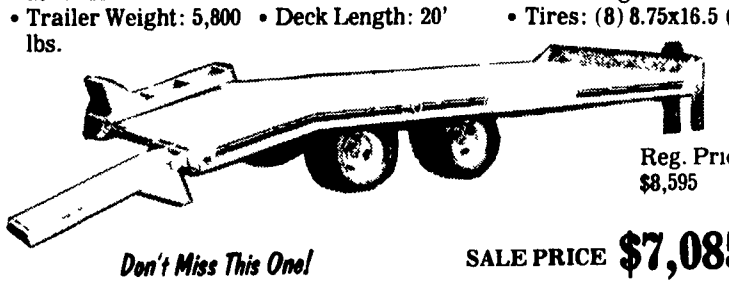
Reg. Price $8,995

Capacity at 54 MPH	Trailer Weight	Gross Vehicle Weight at 54 MPH	Overall Length	Overall Width	Deck Length	Deck Width	Deck Height
20 000 lbs 9 072 kgs	5 800 lbs 2 631 kgs	25 800 lbs 11 703 kgs	24 6 7 468mm	96 2 438mm	20 6 096mm	96 2 438mm	32½ 826mm

Eager Beaver NEW WITH ELECTRIC BRAKES!

10 Ton Heavy Duty Brakes 10HDB

- Capacity: 20,000 lbs. at 54 MPH
- Trailer Weight: 5,800 lbs.
- Overall Length: 24'6"
- Overall Width: 96"
- Deck Length: 20'
- Deck Width: 96"
- Deck Height: 32½"
- Tires: (8) 8.75x16.5 (E)

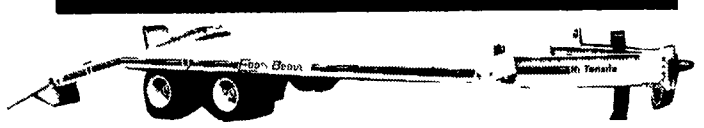


Reg. Price $8,595

Don't Miss This One!

SALE PRICE **$7,085**

Eager Beaver 20HA



ON DISPLAY

20 TON HEAVY AIR BRAKES 20 HA

$8,950 No. F.E.T.

Capacity: 40,000 lbs. at 50 MPH
Trailer Weight: 7,050 lbs.
Overall Length: 27'6"
Overall Width: 96"
Deck Length: 22'
Deck Width: 96"
Deck Height: 37"
Tires: (8) 8.25 R 15 (G) Radial

NOTICE

These Prices Void After Present Inventory Is Depleted, So SAVE By Buying At The Old Price NOW!

SPECIFICATIONS:

Axles..... 2
Brake Axles..... 2
Hitch ... 2 5/16" Ball
Deck Material ... Oil treated 2" pine
Tires..... 7:00x14.5
Weight..... 1500#
Capacity ... 8000 lbs.
Color ..... Yellow
GVW..... 9500 lbs.
Deck Width ..... 76"
Deck Height .... 19"

Removable Bolt On Fenders Are Included In Price

- **TT14** Deck Length: 14 Ft. **$1,685**
- **TT16** Deck Length: 16 Ft. **$1,755**
- Also Single Axle **MODEL TT12** In Stock w/12 Ft. Deck **$1,172**

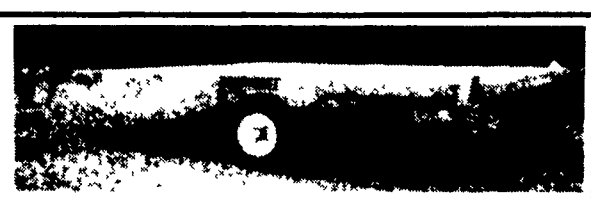
SOUTHEAST BIG OX

ECONOMY TRAILERS

That Work And Save Lots Of Dollars

UTILITY TRAILER $495

Ideal for lawn and garden use, light maintenance equipment, ATV's, snowmobile, etc. Features a 7'x8' tilt bed, ICC running lights with Berg connector, and multi-leaf springs. 1500 lb. capacity.



MODEL	AXLE	HITCH TYPE	DECK WIDTH	DECK LENGTH	DECK HEIGHT	OVERALL LENGTH	DECK MATERIAL	TIRE SIZE	CAPACITY	WEIGHT	COLOR
XT7811	1 (Non-Braking)	1 7/8" Ball	84"	96"	20"	12'8"	½" Plywood	4 80-8	1500 lbs	650 lbs	SAFETY YELLOW

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case

TRACTORS
- Case 400
- Case 430
- Case 1030
- Case 1070
- Case 1490
- Oliver 500
- JD "A" Tractor
- White 2 105 Tractor
- David Brown 990 w/Loader
- International 574
- Ford Jubilee

LOADERS
- Case 1816C Skid Loader
- Case 1835 Diesel
- Case 1845 Gas
- Case 450 Crawler Dozer
- Int 3200 Skid Loader
- NH L425 Skid Loader

TILLAGE
- IH 3-16 Plows (2)
- Int. 2-Bot Trailer Plow
- Case Disc Harrow, 10'
- MF 3 Bot Plow
- Glencoe 7-Tooth Chisel Plow
- Case 18' Disk
- Case Field Cultivator
- Oliver Disk
- 3 Pt Disk
- Used Cultipacker

HARVESTING EQUIPMENT
- Hesston 7020 Harvester
- Hesston 2000-150 Harvester
- Hesston Harvester Head-3 Row Wide
- Case 600 Combine w/3-Row Head
- NI Unisystem 702 Tractor 702 Diesel, 710 Combine & 760 Harvester
- NI 709 Uni-System NI 316 Husker NI 315 Sheller NI 729A Sheller
- NI 727 Husking Bed
- NI 737 Husking Bed
- NI 767 Super Chopper
- NI 323 1-Row Corn-picker
- NI 324 12 Row Husking Bed
- NH 717 Harvester
- Gehl 800 Harvester
- Gehl 1200 Harvester w/pickup and 2-row cornhead
- Oliver 73H 2-Row Corn-picker

HAY EQUIPMENT
- IH 1190 Windrower
- NH 469 Windrower
- NH 479 Windrower
- Hesston PT 10
- Hesston 1014 Wind-rower, 14 Ft.
- Hesston 1010 Wind-rower
- Hesston 1090 Wind-rower
- 2 Bale Thrower Wagons
- Case Hay Rake
- NI Hay Rake
- NI 456 Round Baler
- NH 320 Baler
- Case 230 Baler

MISCELLANEOUS
- Zimmerman 40 Ft Elevator
- IH 400 Corn Planter, 8 Row
- 3-Row Cole Corn Planter
- 4-Row Cole Corn Planter
- Martin 1666 Spreader
- 6 Used Spreaders
- NI 218 Spreader
- Weaverline Cart, 24 Bushel

NEW SPECIALS

New Idea 404 Wheel Rake	$1,250
Hesston Pit Agitators	$1,250

HERMAN'S FARM SERVICE
Bethel, PA
Phone 717-933-4114

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TRUCKING BACKLOADS
Flat trailers, excellent rates To Northeastern, PA Scranton, Towanda areas. Upstate New York; Binghamton, Syracuse and Buffalo areas.
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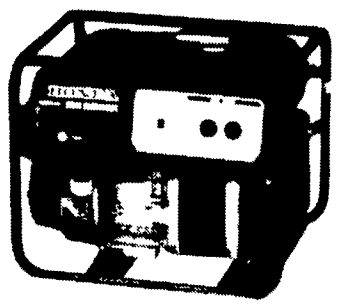
ROBIN & HONDA
Industrial Generators
1200 To 4000 Watts



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WISCONSIN HEAVY DUTY ENGINES
6-65 H.P

SUMMER SPECIALS

VH4D 30 H.P. Bobcat, 610 Repl.	VH4D 30 H.P. Crankstart w/Clutch & Reduction
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V465D 65 9 HPw/Clutch	$3455
VG 4D 37 HP w/Clutch Reduction	$2850
VH 4D 30 HP Electric w/Clutch Reduction	$2175
AGND 12 HP Elect	$1135
AENLD 9 HP w/Clutch Reduction	$1280
S12D 12 HP Elect Start	$615
S12D 12 HP w/Clutch Reduction	$995
(Repl Engines in stock to fit most popular skid loaders)	
Wisc.-Robin	
EY18 3W 4 6 HP Recoil	$242
EY27W 7 5 HP, Recoil	$325
EY27W 7 5 HP, Electric	$465
EY27W 7 5 HP w/Pump Shaft	$319
EY44W 10 5 HP Recoil	$425
Kohler	
K161 7 HP Recoil	$295
K181 8 HP 6-1 Reduction	$450
K301 12 HP Electric	$475

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G150 3.5 HP Recoil	$200
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G200 5 HP 5/8 Thr. Shaft	$245
G200 5 HP 6-1 Reduction	$275
G300 7 HP Recoil	$305
G300 7 HP Thr. Shaft	$278
G300 7 HP 6-1 Reduction	$365
G300 7 HP Elect.	$340
G400 10 HP Recoil	$345

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NEW & USED EQUIPMENT

TRACTORS

New MF Tractors Have Waiver Or Low Rate Finance Or Lease Programs Or Extra Cash Discounts On Selected Models

- New MF 1010 Compact 16 HP Diesel w/54" Mower Sale Price $ 5,995
- New MF 1030 Compact 26 HP Diesel w/4 Wheel Drive Sale Price $ 7,250
- New MF 250 40 HP Diesel, 8 Speed Trans $11,950
- New MF 298, 78 HP, 12 Speed MP Trans. $18,400
- New MF 670, 4 Wheel Drive, 55 HP with Cab and Air $24,500
- New MF 690, 65 HP with Cab and Air Conditioner $23,995
- New MF 699, 85 HP with Cab and Air Conditioner $24,300
- Demo MF 3545, 125 HP with Cab and Air Conditioner $29,100
- Used MF 275, 67 HP Ind. PTO, MP Trans. $10,900

COMBINES

New MF Combines Have Waiver Or Low Rate Finance Or Lease Programs Or Extra Cash Discounts On Selected Models

- New MF 550 Special Combine, Less Heads, w/Cab and Air Sale Price $37,500
- New MF 550 Hydro. Trans. Corn-Grain-Soybean Combine, In Stock Call For Price
- New MF 860 Corn-Grain-Soybean Combine w/Cab, Hydro. Trans. Sale Price $60,000
- Used MF 510 Diesel, Variable Speed Trans., Cab, 13 Ft. Grain Table and Pick-up Reel Sale Price $15,500

HAY EQUIPMENT

New Gehl Hay Equipment Has Delayed Payment Until March 1, 1986 or Cash Discounts Or Low Rate Financing

- New Gehl 1460 Round Baler Sale Price $ 9,400
- New Gehl 2160 9 Ft. Mower Conditioner w/Extra Waiver Till July 1, 1986 Sale Price $ 7,195
- New Gehl 3 Point Mounted, 4 Wheel Rakes August Cash Price $ 775

SKID LOADERS

New Gehl Skid Loaders Have Delayed Payment Until March 1, 1986 Or Cash Discounts Or Low Rate Financing

- New Gehl 3510, Gas Engine, Flotation Tires And 54" Bucket Sale Price $11,150
  August Cash Price $10,500
- New Gehl 4610 Diesel Skid Loader w/Flotation Tires And 65" Bucket Sale Price $15,300
  August Cash Price $14,550
- Used New Holland L-778 60 HP Skid Loader, Ford Water Cooled Engine Sale Price $ 8,700

FORAGE BLOWERS

New Gehl Forage Blowers Have Delayed Payment Program Until March 1, 1986 Or Cash Discounts

- New Gehl 1580 Forage Blower, 1000 RPM Sale Price $ 3,395
  August Cash Price $ 3,150
- New Gehl 1540 Forage Blower Sale Price $ 2,825
  August Cash Price $ 2,695
- 2 Used Gehl 99 Blowers, Reconditioned Each Sale Price $ 1,650

MANURE SPREADERS

- New Knight 350 Model Spreader, 335 Bushel, Tandem Axles, Liquid Endgate and Top Beater $ 6,700

FORAGE HARVESTERS

New Forage Harvesters Have Delayed Payment Until March 1, 1986 Or Cash Discounts Or Low Rate Financing

- New Gehl 750 Harvester w/Hyd Sharpener Sale Price $ 8,350
  August Cash Price $ 7,995
- New Gehl 1060 Forage Harvester, In Stock Call For Price
- New Gehl 1250 Harvester w/Elec Controls, Tandem Axles And 1000 RPM Shaft Sale Price $12,750
  August Cash Price $12,100
- New Gehl HA1100 And HA 1200 Hay Pick-Ups In Stock Call For Discount Prices
- New Gehl TR3038, 2 Row Corn Heads In Stock August Cash $ 3,395
- Used Gehl 400 Harvester w/Hay And Cornhead Sale Price $ 2,250
- Used IH 650 Harvester w/Corn Head Sale Price $ 995
- Used Gehl CB600 w/2 Row Corn Head Sale Price $ 1,800

FORAGE BOXES

New Gehl Forage Boxes Have Delayed Payment Until March 1, 1986 Or Cash Discounts Or Low Rate Finance

- New Gehl BU960 Forage Box, 6x18 with Roof and 3rd Beater One Only $5,725...Cash Price $ 5,100
- New Gehl BU960 Forage Box, 6x16 Roof and 3rd Beater Sale Price $ 5,150
  August Cash Price $ 4,700
- Used Gehl 710, 6x14 w/Roof, 3rd Beater & Running Gear Sale Price $ 1,100
- Used EZ Forage Box 6x16 3rd Beater, Roof and Running Gear with 11Lx15 Tires $ 2,650
- New Gehl 6 Ton Running Gear $ 575
- New Gehl 10 Ton Heavy Duty Running Gear, 15x8 Rims, Adjustible Hitch Sale Price $ 975
- New Gehl 12 Ton Tandem Axle Running Gear, 15x8 Rims, Adjustable Hitch, Not Set Up $ 1,335

GRINDER MIXERS

New Gehl Grinder Mixers Have Delayed Payment Until March 1, 1986 Or Cash Discounts Or Low Rate Financing

- New Gehl MX 100 with Hyd. Drive Grinder Mixer Sale Price $7,250
  August Cash Price $ 6,950
- New Gehl MX 135 Hyd. Drive Grinder Mixer, Just Received Call For Price

TILLAGE EQUIPMENT
- New MF 520, 10 Ft. Cut., Disc Harrow
- New MF 620 Spring Cushion, 12 Ft. Cut Disc Harrow
- Used MF 620 12 Ft. Cut Disc Harrow $ 1,900
- New MF 115 Soil Saver, Disc Type, 7 Tooth

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Oliver 1850 w/cab. completely rebuilt
SAME 72HP 4WD
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Landoll 3 Pt., 7 Tooth Chisel Plow
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Oliver 5-Bottom. Semi-Mtd. Plow With New Moldboards
Worksaver Subsoiler, Single Shank
108 Cub Cadet 10 HP w/38" Mower
129 Cub Cadet, 12 HP w/42" Mower
149 Cub Cadet, 14 HP w/42" Mower, As Is
30" Stone Picker
Jacobsen 6 HP Snow Blower
Trac Vac Vacuum Unit #580, 5 HP w/10 Cu. Ft. Cart
Ampro Roto Tiller, 8 HP, Rear Tine, Elec. Start
Lickity Split Log Splitter, 12 Ton
Hass Log Splitter, 19 Ton
Lindig Chipper Shredder
Work Saver 6 Ft., 3 Pt. Rear Blade
Arps 7 Ft., 3 Pt. Rear Blade

NEW EQUIPMENT IN STOCK

10 Ton Running Gear
12 Ton Tandem Running Gear
King 60" 3 Pt. Rough Cut Mower
Furst 12 Ft. Tine Harrow
Hurd 3 Pt. Seeder
Work Saver Single Shank Ripper Sub Soiler
Work Saver Post Hole Digger, 12"x44"
Landoll 7 Tooth, 3 Pt. Chisel Plow
Fuerst 12' Tine Drag Harrow
Woods RM48 Mower, 3 Pt. Hookup
Woods RM59 Mower, 3 Pt. Hookup
Befco 50", 3 Pt. Rototiller
Brinley PP1235 12" Cat/Plow

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New NH 353 & 358 Grinder Mixers
New 367 Tank Type Manure Spreader
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NEW IDEA
NI 406 Rake
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NI 323 One Row Corn Pickers
NI 3 pt. Hitch Fertz. Spreader

New Glencoe 12'9" Finishing Harrow
Glencoe Soil Saver Stretch 7 Shank
Glencoe Soil Saver 5 Shank
Amco Heavy Duty 12' Disc Harrow
Used IH 550 Harvester w/Windrow PU & 2R Corn Head

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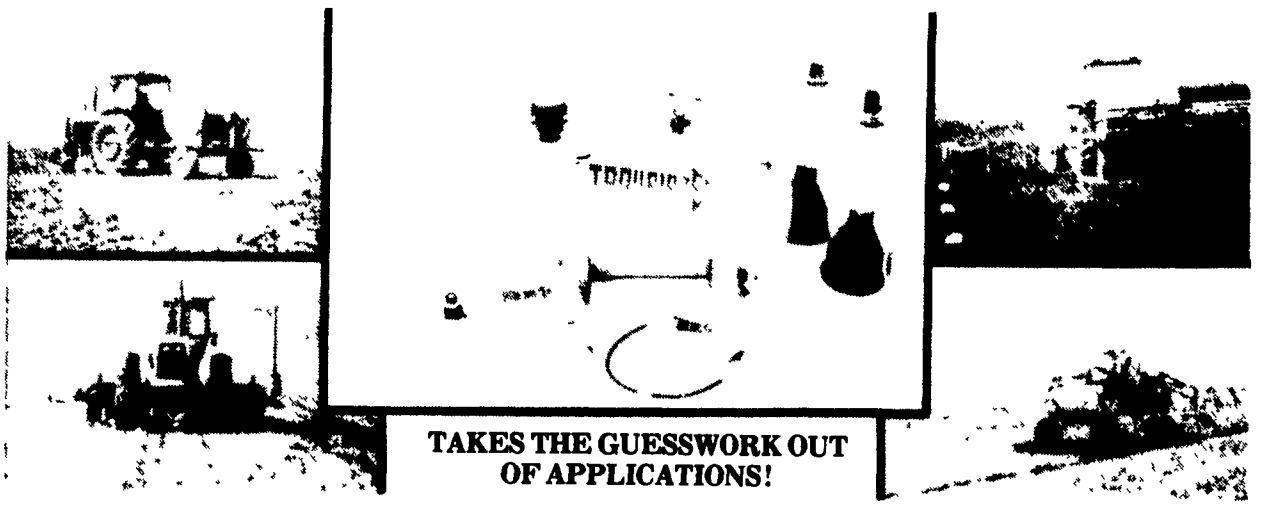

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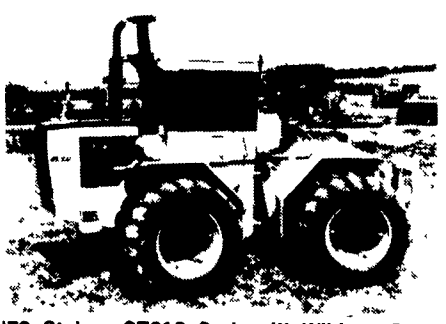
'80 Int. 1480, 1356 Hrs, With 820 Cutter Bar on 883 Corn Head

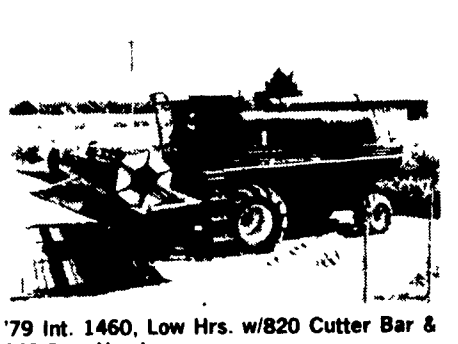
Three JD 7700 Combines
'71 JD 7700 w/15' Cutter Bar
'75 JD 7700 Rotary Screen, w/16' Cutter Bar
'76 JD 7700 Rotary Screen w/16' Flex Cutter Bar

'79 JD 7720 4 WD, 1400 Hrs. 220 Flex Cutter Bar

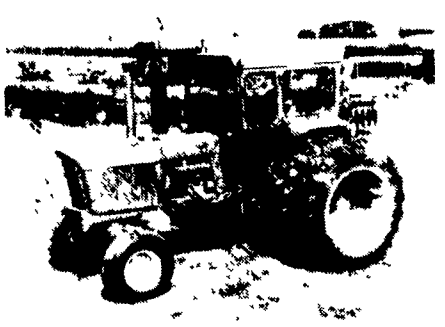


'79 Steiger ST210 Series III Wildcat, Dual 18.4x34, 3 Pt. Hitch, Low Hrs.

'81 JD 8820 4 WD Factory Duals, 1100 Hrs., 220 Flex Cutter Bar, Excellent Shape

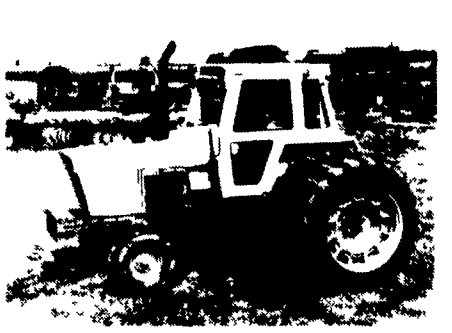


'79 Int. 1460, Low Hrs. w/820 Cutter Bar & 863 Corn Head



'72 JD 4320, Air Cond. Dual 18 4x38

'84 JD 2350, 104 Hrs , Like New



'77 Case 1570, 2500 Hrs., Dual 18.4x42 Tires

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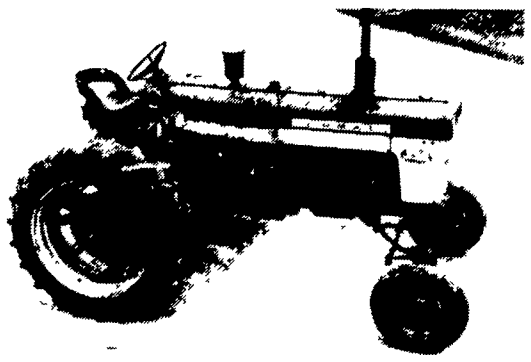
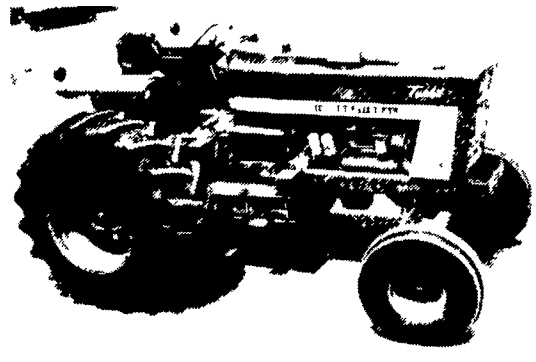
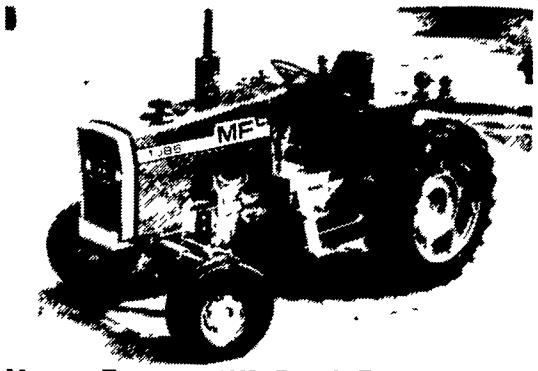


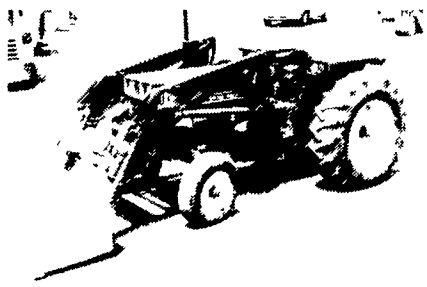
IH F560 Diesel, Gear, 2 Point Hitch, Wide Front (W9623) **Price (Was $4,000) $3,200**



IH F1466 Diesel, Gear, 150 HP, 24.5x32 Tires, Aux. Tank, Dual PTO, One Owner (W9236) **Price (Was $14,800) $13,600**

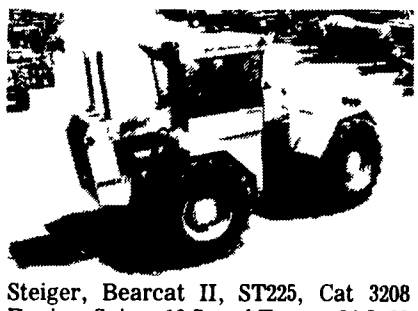


Massey Ferguson 1085 Diesel Tractor, 16.9x38 Tires, Excellent Tractor (W9996) **Price (Was $7,900) $7,300**

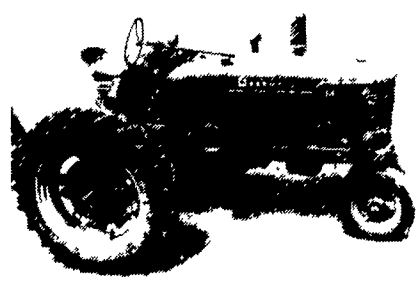


IH 584D w/2250 Loader, 16.9x30 Tires, 540 PTO (W1193)

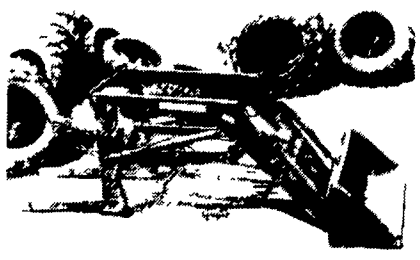
Case 1845 Uni-Loader, Gas, 12x16 5 Tires, New 72" Bucket (W1186) **Price $10,800**



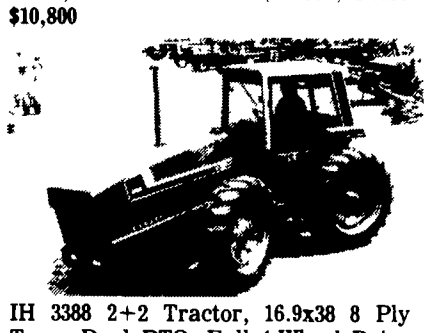
Steiger, Bearcat II, ST225, Cat 3208 Engine, Spicer 10 Speed Trans., 24.5x32 Tires (W1126) **Price $15,800**



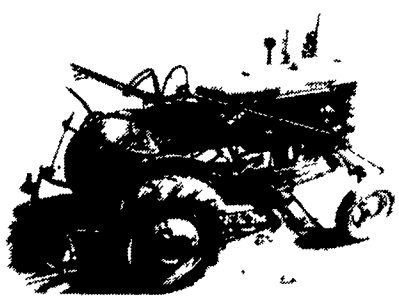
IH Farmall M, 12.4x38 Tires, Belt Pulley (W1095) **Price $1,350**



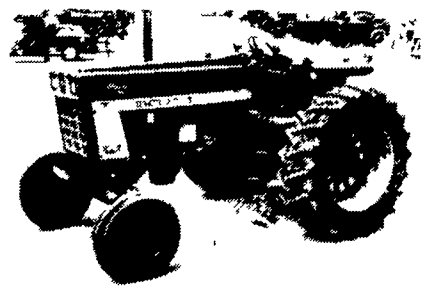
Swartz Loader, Model 2070, Lift Capacity-3,740 Lbs., Lift Height-185", Hi-capacity (W1170) **Price $1,700**



IH 3388 2+2 Tractor, 16.9x38 8 Ply Tires, Dual PTO, Full 4-Wheel Drive (W1109) **Price $22,500**

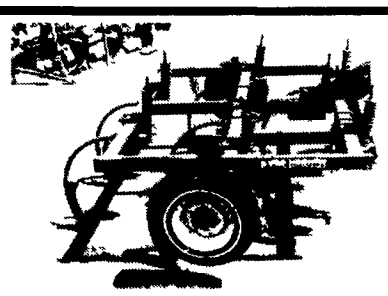


IH Farmall A w/Cultivators, Rear Wheel Weights 9x24 Tires (W1143)



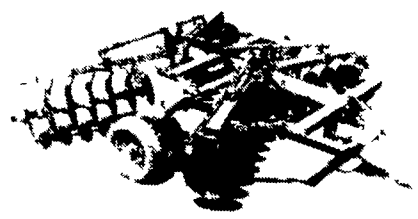
IH F1066D Hydro, 20.8x38 8 Ply Tires, Dual PTO (W1045) **Price $10,500**

OTHER USED EQUIPMENT

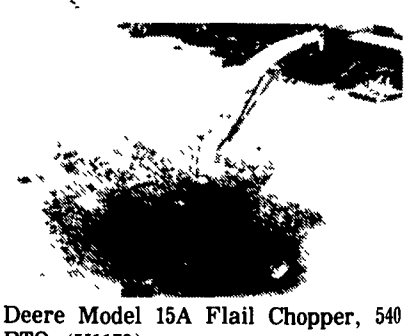


Allis Chalmers Model 1600 Chisel Plow, 8 Shank w/gauge wheels. (T1157) **Price $1,175**

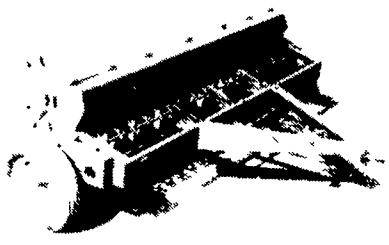
IH 620 Grain Drill, 24DD Openers, 6" Spacing, Press Wheels, Liquid Fertilizer, 200 Gal. Walsh (V1144) **Price $3,200**



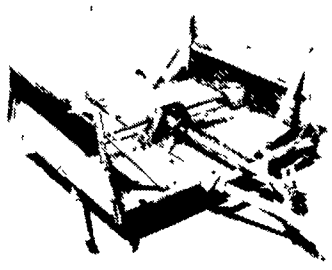
Athens Model 131 Disc, 12' Wide, 9½" Spacing (T1043) **Price $1,500**



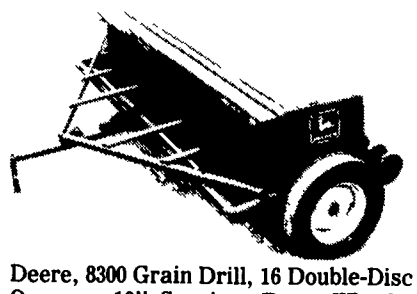
Deere Model 15A Flail Chopper, 540 PTO (U1179)



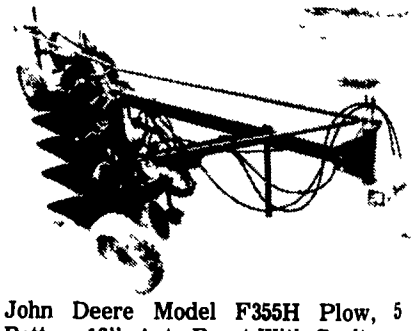
IH 510 Grain Drill, 18x7 w/fertilizer, double disc openers. (V9905) **Price $3,500**



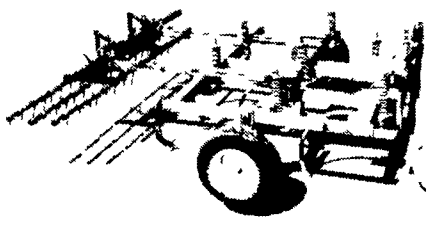
Woods Model 214 Mower, 540 PTO (U1178) **Price $1,400**



Deere, 8300 Grain Drill, 16 Double-Disc Openers, 10" Spacing, Press Wheels. (U9922) **Price $3,750**

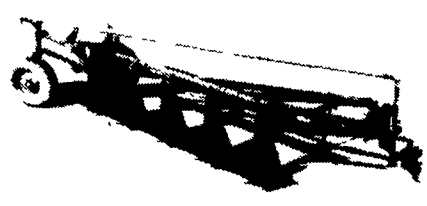


John Deere Model F355H Plow, 5 Bottom 16", Auto Reset With Coulters. (T9945) **Was $1,950 Now $1,750**

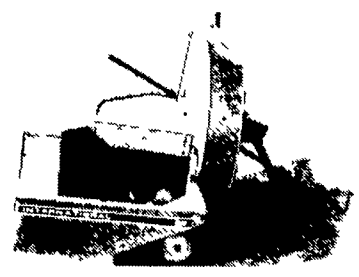


AC 1600 Chisel Plow, Mounted, 8 Shank, Gauge Wheels, Mulchers. (T9851) **Price $1,275**

IH 710 Plow, 3 Bottom 16" Semi-Mounted, Auto Reset. (T9916) **Price $1,800**



IH 550 Plow, 5 Bottom 14" Semi-Mounted. (T9857) **Price $950**



IH 56 Blower, Reconditioned, Guaranteed To Blow Like New **Price $1,250**

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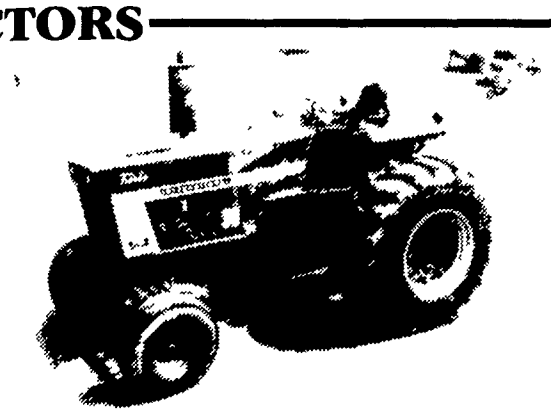
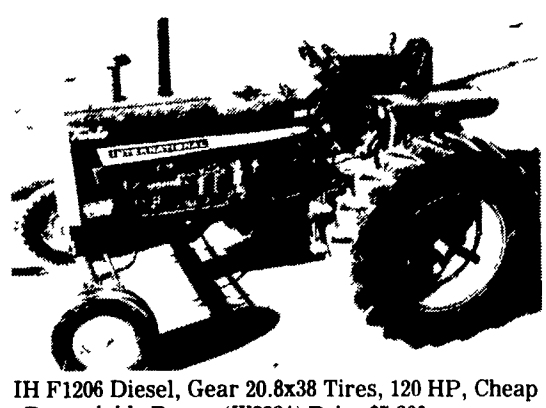
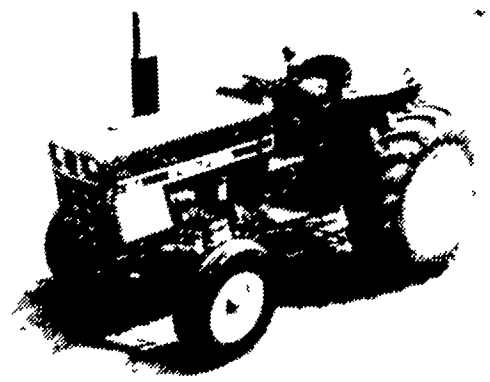


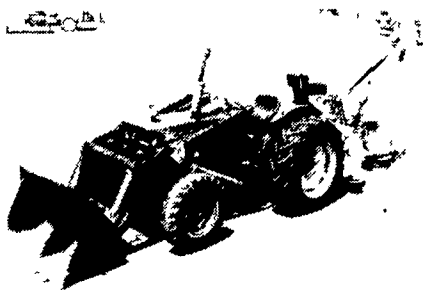
IH F1466D, 24.5x32 10P Tires, 11.00x16 8P, Dual PTO (W1125) **Price $13,900**



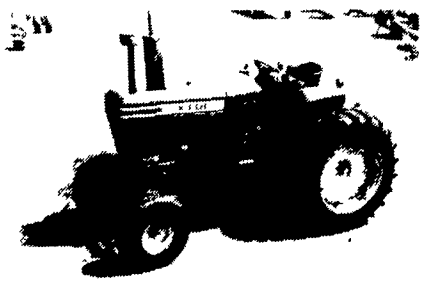
IH F1206 Diesel, Gear 20.8x38 Tires, 120 HP, Cheap - Dependable Power (W8934) **Price $7,800**



IH 484D Tractor, 348 Hours, Gear, 14.9x28 Tires, Like New (W1136) Price $8,900

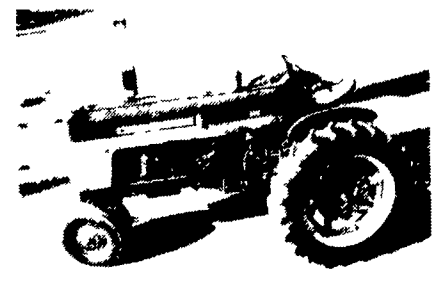


Ford 4000 AWD Tractor w/Superior Loader Gas Engine, Gear Trans., 16 9x30 Tires, 540 PTO (W1190) Massey Ferguson Model 185 Backhoe (W1191)

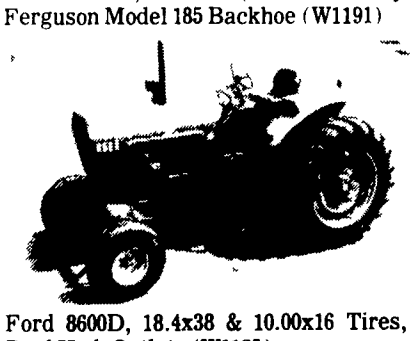


Ford 7700 D, Gear, 632 Hours, 16.9x38 Tires, Excellent Shape, 1980 (W1149) **Price $11,500**

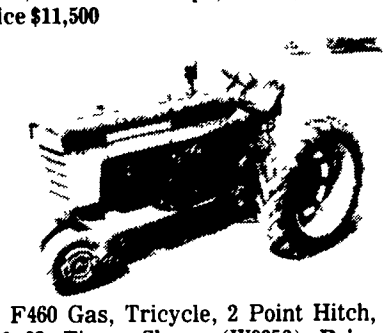
Ford CL-20 Skid Loader Gas, 8.50x15 Tires, 45" Bucket (W1183) **Price $5,200**



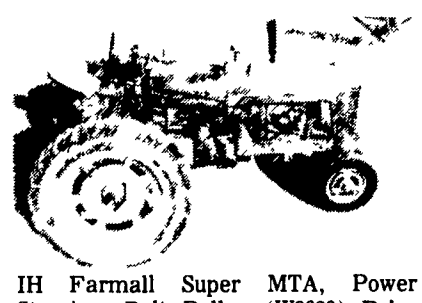
IH F460 Gas w/2 Point Hitch, 13 6x38 Tires, PTO (W1111)



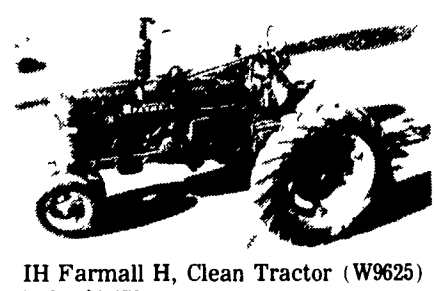
Ford 8600D, 18.4x38 & 10.00x16 Tires, Dual Hyd. Outlets (W1135)



IH F460 Gas, Tricycle, 2 Point Hitch, 14.9x38 Tires, Sharp (W9856) **Price $2,450**

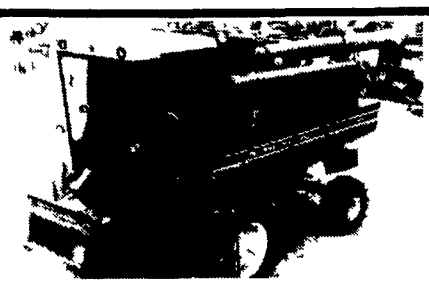


IH Farmall Super MTA, Power Steering, Belt Pulley (W9620) **Price $2,295**



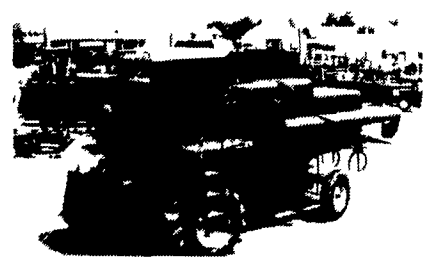
IH Farmall H, Clean Tractor (W9625) **Price $1,150**

USED COMBINES

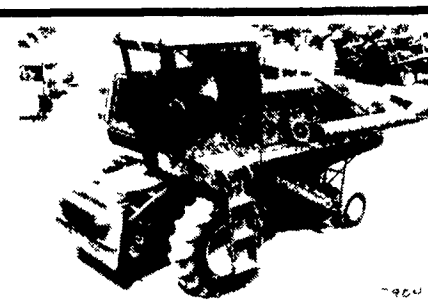


IH 1460 Combine, Diesel, Hydro, 67x34.00x30 & 18.4x16.1 Tires, A/C, Grain Loss Monitor, Auto. Header Control, Completely Reconditioned, 1980 Production (U8771)

IH 205 Combine, Gas, Gear, 16.9x26 Tires, 227 Cornhead, 12' Grain Head (U1132)

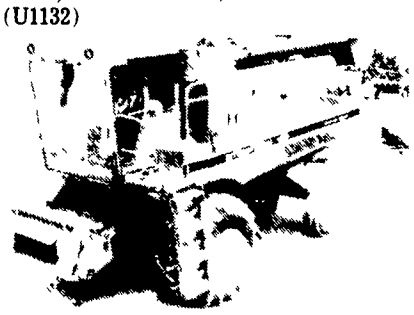


Deere 6600 Side Hill, Diesel, Hydro, A/C, 28Lx26 & 9.00x24 Tires w/215 Platform - 15' (U1128)

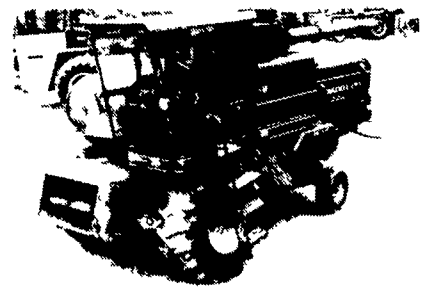


John Deere 4400 Gas, Gear, 18.4x26 w/13' Platform (U7904) **Price (Was $12,900) $7,900**

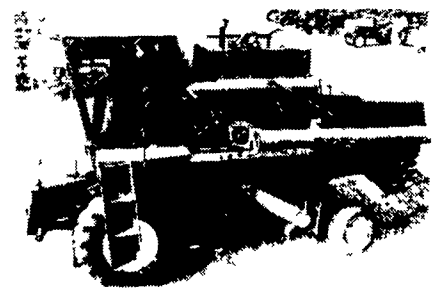
New Holland 975, Gas, Gear, 18.4x28 8P with 4 Row Cornhead (Wide), 11' Platform (U9618) **Price $3,500**



IH 1460 Axial-Flow, 1979, 30.5x32 10P, A/C, Auto Header Control, Hydro, Corn & Bean Special (U9292) **Price (Was $45,000) $42,000**



Massey Ferguson 510 Diesel, Gear, 23.1x26 8P, A/C, with 44 Cornhead (4 Row Wide), 13' Platform (U8742) **Price $13,000**



John Deere 4400 Diesel, 18.4x26, A/C, Straw Chopper (U9806) **Price $11,500**

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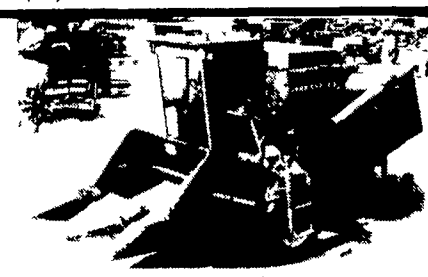
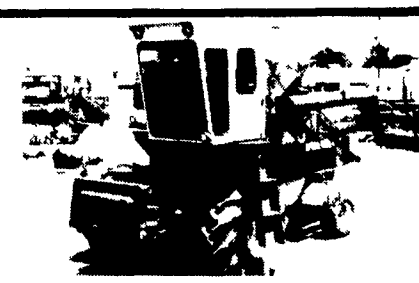


Deere 45 Gas, Gear, A/C, 14.9x26; with 234 Cornhead & 10' Platform (U9834) **Price (Was $3,500) $3,000**



IH 715 Diesel, Hydro, 18.4x26, Monitor A/C (U7817) **Price (Was $12,500) $8,900**

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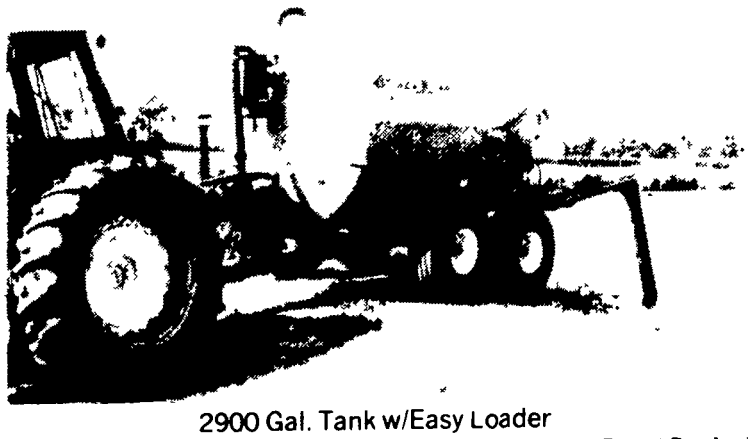

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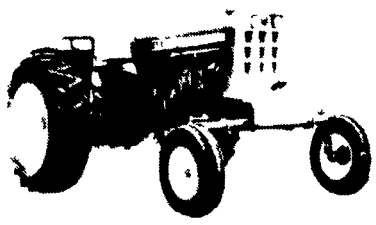

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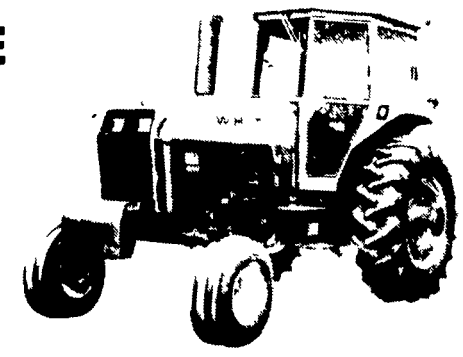

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IH 5500 mtd chisel plow, 9
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1 Row Corn Head, Hay Pickup

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Farmall C
Farmall SC w/Cults
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Case 230 Baler
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Holland transplanter
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JD 146 Loader
JD 45 Rear Blade
JD 65 Rear Blade

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JD 714 A Forage Box
JD 716 A Forage Box

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JD 34

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JD 2840 w/148 Loader
JD 2040 MFWD w/240 Loader
JD 530

COMBINES
JD 40 10 ft. Grain Platforms
IH 141 12 Ft. Grain Platform
JD 30

SPREADERS
NH 365 Tank Spreader
JD 148 Loader
NH 791

BALERS
NH 282 w/Thrower
NH 268 w/Thrower
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IH 826 Dsl., WF
IH 756 diesel, WF, 3 pt.
IH 584 Dsl., Utility, Very Nice
IH 1066 Red Cab & Air, very good
IH 666 Gas, WF, Very Good
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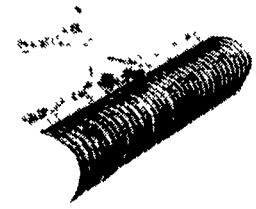

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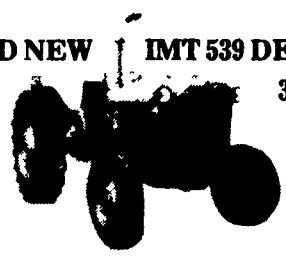
All Wheel Brakes, Ramps
14' Bed $1595 16' Bed $1695

WETTMORE WAGONS (Less Rubber)

6 Ton 6x15 Rims	$450
8 Ton 8x15 Rims Adj. Tounge	$550
10 Ton 8x15 Rims Adj. Tounge	$625

All Wagons Are Rear Tie Rods

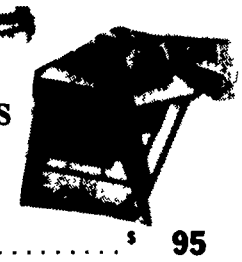
BRAND NEW IMT 539 DELUXE 39 H.P.



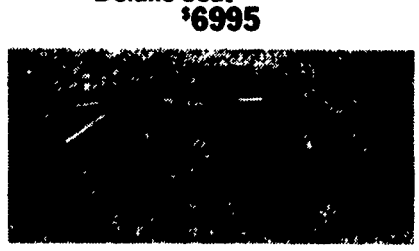
Reproduction of Massey-Ferguson 35, Most Parts Interchangeable
- Live Pto
- Differential Lock
- 3 Cylinder Diesel
- Lights & Linkage
- Deluxe Seat

$6995

DYNA BALANCE SITREX 6' SICKLE MOWER
$1695



SITREX 3 pt. WOODSAWS
$450



SITREX P.T.O. TEDDERS

SPECIAL EARLY ORDER
For 2-Wheel Pulls
For 1986 Shipment
$895
10% Down Limited Time Offer

4 Wheel Pull..... **On Stock $1795**

NEW BACKHOE BUCKETS FOR JD - CASE - FORD

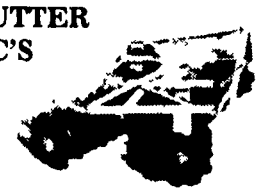
• 12"	$495
• 18"	$595
• 24"	$695
• 36"	$895

For Heavy Duty, Add $200

NEW MISC. EQUIP.

1 Row 3 pt. Cultivator	$ 95
3 pt. Potato Plow	$ 95
3 pt. Boom Pole	$ 79
Heavy Duty Boom Pole	$ 179
3 pt. Scoop For Dirt	$ 395
3 pt. Winch - 6600 lb. Heavy Duty	$1495

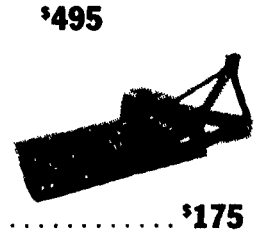
KING KUTTER DISC'S



5½' or 6½' 18" Blades
Notched Front - Plain Rear
$495

SPEEDY 1200 BUSHEL CORN CRIBS
$850

KING KUTTER SCRAPER BLADES



6' Heavy Duty	$175
7' Heavy Duty	$195
8' Monster Duty	$695

IMPORTANT INFORMATION

PRICE POLICY GUARANTEE — We Will Not Be Undersold - If You Can Find It Cheaper Anywhere, Bring Or Send Us Proof And We Will Beat It Or Pay The Difference On The Spot In Cash.

SHIPPING — Available At Nominal Charge Anywhere in USA.

DEALERS — Call For Quantity Discounts (10 Or More Items).

ALL UNITS — Are Complete With 540 R.P.M. P.T.O.'s Where Necessary.

ALL UNITS — Were Chosen By Our Company To Be The Best Available For The Money Spent

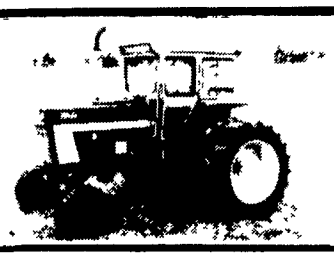
It Would Be A Good Idea To Call Before You Come To Check Our Current Inventory Levels. Every Effort Is Made By Our Company To Stock All Items At All Times.

EXCELLENT SELECTION OF AFFORDABLE NEW EQUIPMENT

WENGERS INC.

251 SOUTH RACE STREET, MYERSTOWN, PA 17067
PHONE: 717-866-2135
TELEX 316290
NIGHTS, PHONE: 717-866-7147 or 717-273-9089

1 MILE FROM LEBANON VALLEY AIRPORT



IH 1066, Cab, Duals, Very Nice, Good Condition
ONLY $10,300

CORNHEADS

AC 2 Row for A, E, K, E^{III}, F - From $500
AC 3 Row for A - $2500
AC 4 Row for G, C, C^{II}, L, M, F - From $750
AC 6 Row for C, C^{II}, G - From $2500
JD 2 Row for 40, 45, 55, 95, 3300, 4400 - From $200
JD 3 Row for 45, 55, 95, 3300, 4400
JD 4 Row for 105, 4400, 6600, 7700, Etc. - From $850
JD 6 Row for 6600, 7700, Etc. - From $5950
IH 2 Row for 91, 93, 105, 203, 205, 315, 303, 403, 615, 715 - From $350
IH 3 Row for 203, 205, 315, 403, 715, QT - From $850
IH 4 Row for 403, 715, 815, 915 - From $1000
IH 6 Row for 815, 915 - All QT - From $3500
MF 2 Row for 300, 410 - From $200
MF 3 Row for 300, 410, 510 - From $1000
MF 4 Row for 410, 510, 750, 760, Etc. - From $1500
MF 6 Row for QT - $3000
Oliver 2 Row for 25, 525 - From $250
Oliver 3 Row for 525, 535, All QT - From $1000
Oliver 4 Row for 545, 555, All QT - From $1000
Case 2 Row for 600, 660 - From $250
Case 3 Row for 600, 660, 960 - From $1500
Case 4 Row for 1160 - $875
NH 4 Row for 975, 985, All QT - From $2000
NH 6 Row Quick Tach

BALERS

NH 315 w/Thrower
Ford 530
Case 220
IH 37
Extra Throwers

ROLLBARS & CABS

IH 2 Post w/Roof
IH 806 Cab
Case 1070 Cab
AC 7000 Rollbar
JD 4020 Cab
DB 1200 Cab
(30) Combine Cabs
Case 990 Cab
AC 7030-7050-Cab
MM G1000 Vista Cab
Ford 5000 Rollbar
Ford 4000 Cab
Case 930 Cab
Ford 9600 Cab

SHELLERS & GRINDERS

MM 1200 Sheller
NI 315 Sheller Attach
NI 314 Sheller Attach
NI Super Sheller Attach
NI 317 Grinder Attach
NI 318 Grinder Attach
IH 234 Sheller Attach
JD 43 Pull Sheller
Haban P.T.O. Sheller

PLOWS

AC 2x & 3xSC
JD (3 pts) - 2x-3x
JD (Semi) - 4x-5x-6x-7x
JD (pull) - 2x-4x Reset
JD 1x Reset 2500 Attach
Oliver (3 pts) 2x-3x
Oliver (pull) 3x
White (semi, Reset) 4x-5x
IH 1x (FH & MTD)
IH 2x, 1 pt, FH
IH 3x FH
IH 4x pull
IH 4x Reset (On Land)
IH 550 5x (Semi)
IH 710 5x (Semi)
IH 710 6x (Semi)
Ford 1x & 2x (3 pts.)
MF 880 5x (Semi)
MF 2x Rollover
Oliver 4x3 pt.
JD 5x Rollover
Oliver 3x Rollover

CULTIPACKERS

9'-12'
14' w/Transport

WAGONS

Metal Bale Throw Rack
Flat Bed Wagon

HAYBINES

NH 478-7'
Hesston 1070-7'

CORNPICKERS

NI 324 w/12 Roll Bed
NI 324 w/Super Sheller
NI 325 w/Super Sheller
NI 325 w/8' Roll Bed
NI 323-Demo
(3) NI 323 - Used
NI 10 1X Pull

LOADERS

MF Off 165
Loader Off D.B. 990
Loader Off AC D19
Ford Off 8N
Freeman Off 880 Brown
AC Off 1600
Loader Off AC 210
IH Off 464
JD 36A Off 1020
Loader Off JD 420
Souders Loaders
Case for 970 & Larger
IH for 300 Utility
IH for 504 Utility
Loader off JD 2010

DISC'S

IH 10'-11'-13' Transports
JD Plowing Disc-10'
JD BW-14'
KK 6' 3 pt.
Kewanee 13' Rock Flex
IH 480 w/Wings
IH Cub Disc

HARVESTERS

Fox Super 1000
JD 38
MF 260
NI 705 Uni System
NH 718
IH 555

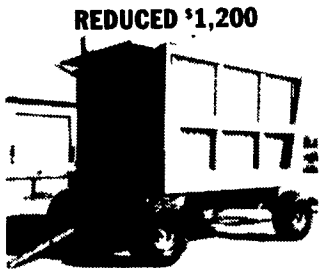
SICKLE MOWERS

JD 9 3 pt.
Ford 3 pt.
IH Cub
IH FH
Sitrex 3 pt. dynabalance

CULTIVATORS

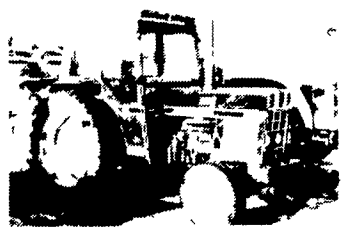
Ford 2x
JD 2x (H & 420)
JD RM4
JD RG6
JD RM6
JD 6x Frt Mtd
IH Cub & Super A
IH C-H-M 2x Frt
IH 461 Ftr Mtd 4x
IH 4x FH
IH 153 4x 3 pt
1x3 pt - New

REDUCED $1,200

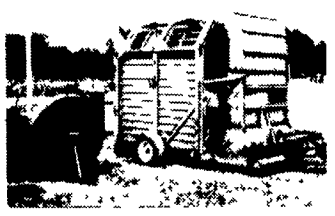


Field Queen Side Dump Wagon
Poor Condition $1,750

Case 1030 - 2700 Hours
1966 - Lots For The Money
ONLY $4,900

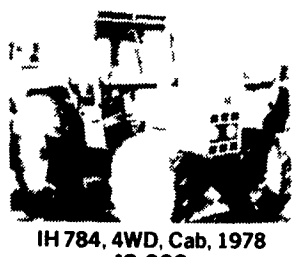


IH 784 w/Cab, 1978 Model
$7,900



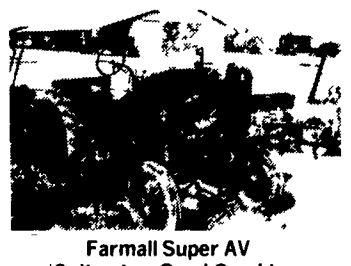
Hesston 10 Stacker
$2,950
Fox 660 Hopper Blower
$1,150

REDUCED $1000

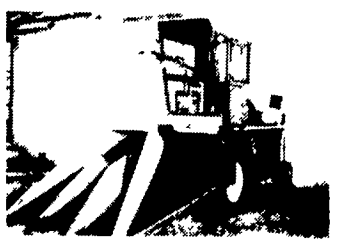


IH 784, 4WD, Cab, 1978
$8,900

Farmall H, Rebuilt Motor, Exceptionally Clean $1,500



Farmall Super AV
w/Cultivator, Good Condition
$2,900



NI 705 Diesel, Low Hours, 760 Chopper, 3x30 Head
Very Nice $11,800

HARVESTER HEAD SPECIALISTS (75 In Stock)

1X Corn for NH, Fox
2X Wide for NH, Fox, JD, IH
2X Narrow for NH, Fox, JD, IH
3X Narrow for NH, Fox, JD, IH, MF, Badger
1X Snapper for NH
2X Snapper for NH, Fox, JD
3X Snapper For Fox, JD
Pickup's for NH, JD, IH
Cutterbar's for NH, Fox, JD, IH

LOTS OF EXTRA COMBINE GRAINHEADS TO FIT MOST MACHINES

TRUCKS

1947 Ford Fire Truck . $2950
GMC w/Grain Body $1500
White Truck Tractor $3250

FIELD CULTIVATORS

JD 12' 3 pt | Glenco 13' 3 pt
JD 18' 3 pt

MISC. EQUIP.

Danuser 3 pt Post Hole Digger-Heavy Duty
Corn Drags
LG 36' Elevator
IH Cub & 140 Attachments
Hesston 10W Mower
8' FH Blade
10' & 12' Lime Drills
IH Side Dressers
8' to 12' Spring Tooth Harrows
Tandem Axle Fert Spreader
Hesston 10 Stacker
Hesston 30 Mower
JD Tedder

TRANSPLANTERS

2 Row - Pull & 3 pt
1 Row - 3 pt.

ROTARY MOWERS

JD 5' 3 pt.
JD 5' Pull
IH 12' Stalk Chopper
Brady 12' Stalk Chopper
Oppel 12' Stalk Chopper
Modern 7' Pull
Toro 3 Gang Reel (SP)
Lilliston 7' 3 pt.
Ford 7' Pull
Woods C80 Pulltype
Woods 6' Offset, 3 pt.

DUALS

18.4x34 MF
18.4x34 Snap On
20.8x38 Axle
18.4x34 Axle
18 4x38 Snap On

FORAGE WAGONS

JD 214 | NH 7
Fox 625 | Gehl

NEW IDEA UNI SYSTEM ATTACHMENTS

731 4x40 Cornheads
743N Cornhead
725 3x30 Cornhead
766 Pickup Head
Extra Grain Heads
728 4x30 Corn Head
760 Harvester
3x30 Harvester Head
705 Diesel Tractor

HAY RAKES

JD 567-6 Wheel Pull
Sitrex 4 Wheel-3 pt

SPREADERS

NH Tandem Axle-250 Bu
NI 12A - Like New
Betterbilt 2100 Liquid Spreader

POTATO EQUIP.

Iron Age 2X Planter
1 Row Planter
2 Row Digger

CORNPLANTERS

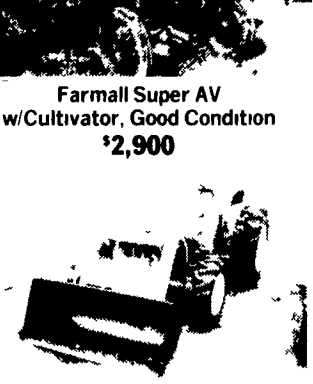
IH 2X Fast Hitch
Ford 6X Pull
JD 246 2x3 Pt.
MF 2x 3 Pt.-New
IH 56 - 2 Row
IH 449 4x Pull
JD 290 2x Pull
IH 400 Air

CHISEL PLOWS

JD 10' Pull
Landoll 10' Pull
5 Tooth V Chisel (3 pt.)
Kent 7' Soilsaver
Lely 12' Roterra
5' 8', 10' 3 pt.

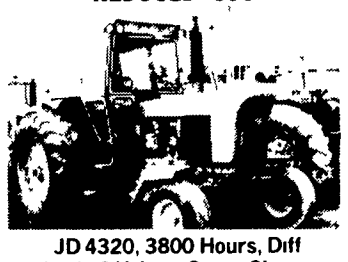
CULTIMULCHERS

Brillion 12'
JD 930 - 12' 3 pt.



New Long 310 4WD
With Loader
List $13,800
Straight Sale $11,900

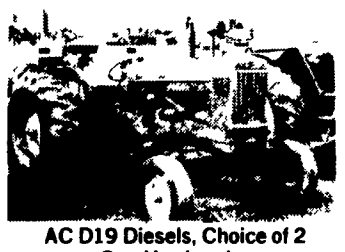
REDUCED $800



JD 4320, 3800 Hours, Diff Lock, 2 Valves, Super Sharp, 1972 $10,700

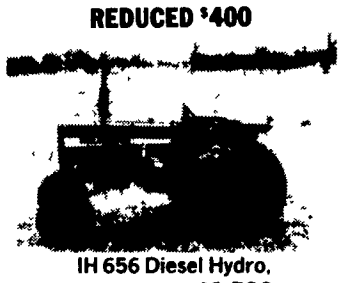
REDUCED $1000

Ford 4600, 1981, Low Hours
New Tires, ONLY $7,900

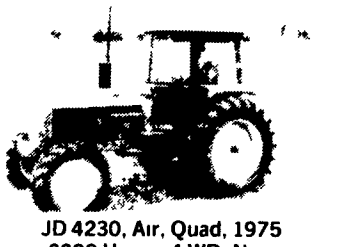


AC D19 Diesels, Choice of 2
One Has Loader
ONLY $2,850 EACH

REDUCED $400



IH 656 Diesel Hydro,
Clean, ONLY $6,500

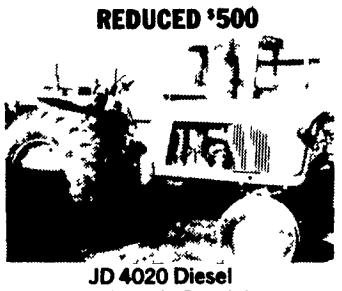


JD 4230, Air, Quad, 1975
2200 Hours, 4 WD, New Rubber, Very Clean
ONLY $15,500

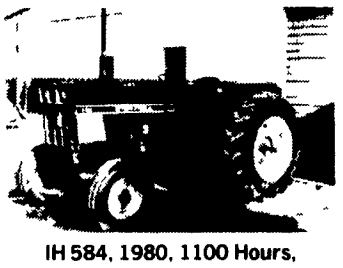
IH 484-1979-2200 Hours
Very Nice $7,600

Oliver 1650 Gas,
4 New Tires,
ONLY $4,500

REDUCED $500



JD 4020 Diesel
Mechanic's Special
$5,400



IH 584, 1980, 1100 Hours,
Excellent, ONLY $8,900

WENGERS INC.

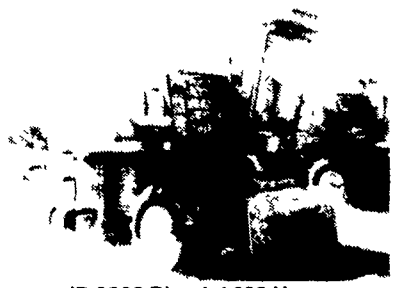
251 SOUTH RACE STREET, MYERSTOWN, PA 17067
PHONE: 717-866-2135

NIGHTS, PHONE:
717-866-7147
or
717-273-9089

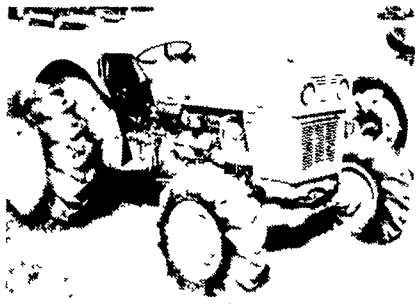
TRACTOR CLEARANCE — Must Reduce Inventory

● TRADES WELCOME (Bring Pictures) ● OFFERS CONSIDERED ● FINANCING AVAILABLE

Lots More Not Pictured *For Best Deal, Shop Us Last & Bring Money!*

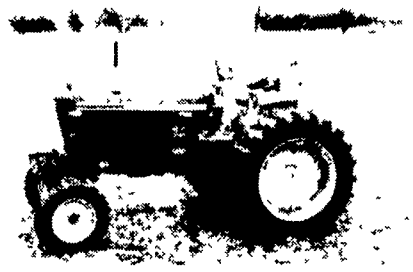


JD 3300 Diesel, 1600 Hours,
Rotary Screen
Base Unit $9,500



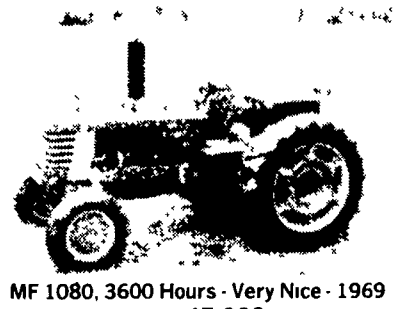
Long 360-4WD-NEW
Was $13,690
Straight Sale $9,900

REDUCED $500

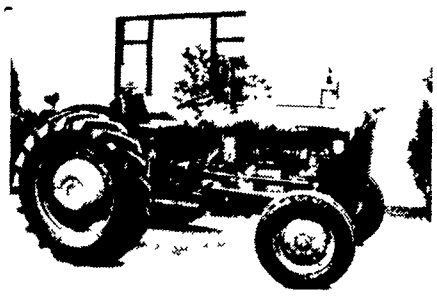


Ford 6600, Nice Unit On Good Rubber
ONLY $7,900

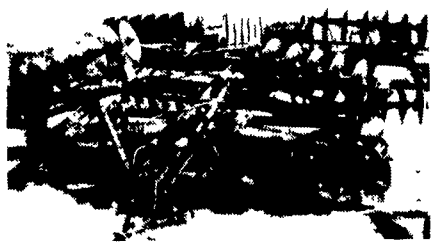
REDUCED $1000



MF 1080, 3600 Hours - Very Nice - 1969
ONLY $5,900

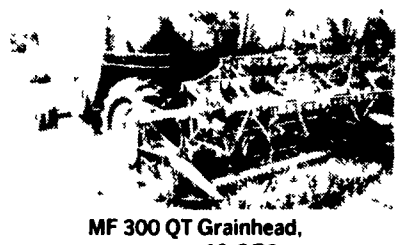


Brand New IMT 539
Reproduction of MF 35 Diesel
ONLY $6,995



IH 480 Wing Disc
24' w/Cylinder
$2,450

IH 1456 - Very Nice - Good & Solid
$9,650

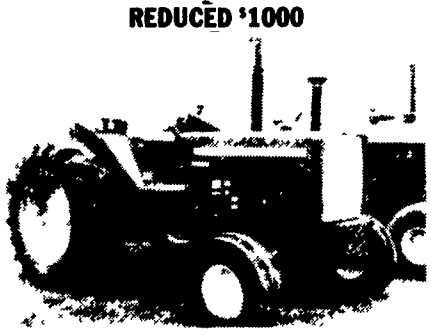


MF 300 QT Grainhead,
Very Nice $6,950

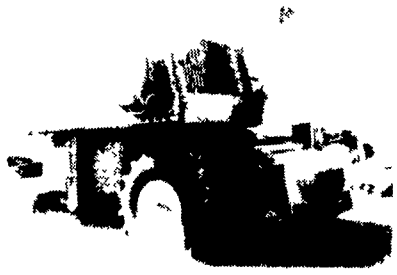
REDUCED $500

AC 210 w/Loader, Only 1600 Hours,
Very Nice
$8,900 Complete,
We Will Sell Loader Separate

REDUCED $1000

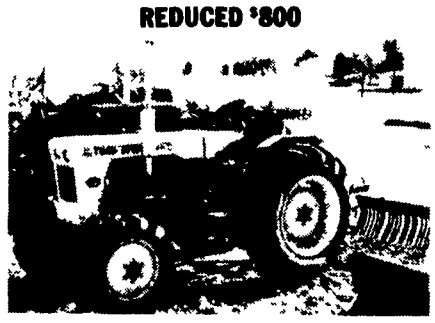


AC 220, Very Clean
Priced To Sell At $7,700



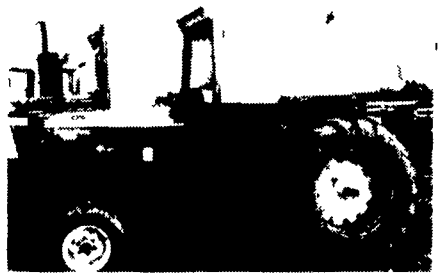
JD 6600 Diesel, 1800 Hours
Rotary Screen
Base Unit $9,500

REDUCED $800



Mitsubishi Bison - 4WD - Demonstrated
$7,050

REDUCED $1000 EACH

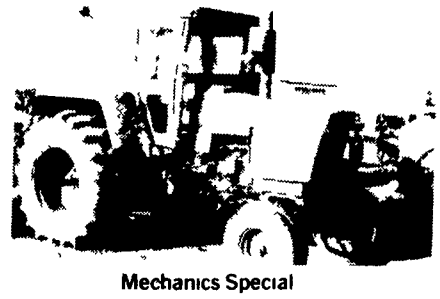


AC 190XT Series, 3 Very Clean
One Has 2900 Hours, One Has 4100 Hours
ONLY $6,900 - Choice

REDUCED $400

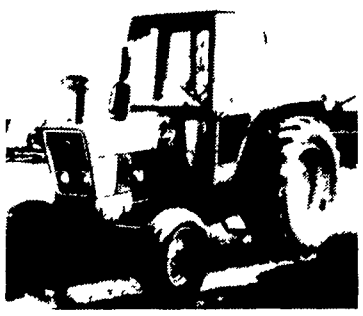
AC 200, 1972, 1700 Hours, Very Nice
$7,500

REDUCED $400



Mechanics Special
Case 1070, Bad Transmission
ONLY $4,500
Will Sell Cab Off For $1,500

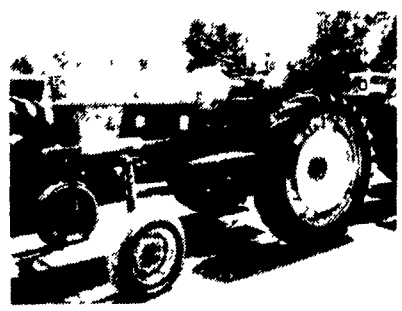
Better Bilt 2100
Tank Spreader
$3,750



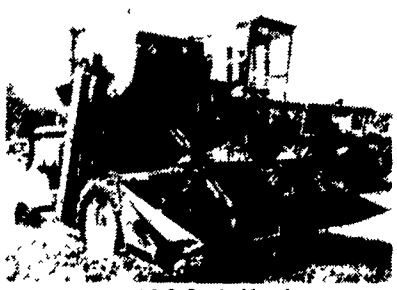
1977 Ford 7600, 4900 Hours,
Very Reasonable $6,900

IH 615, 1975, 810 Header,
Very Clean $7,850

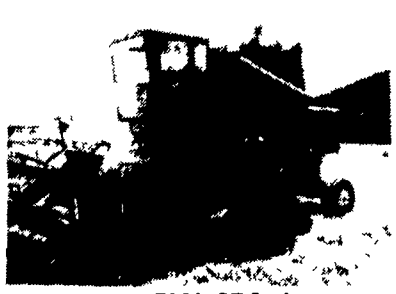
White 4 - 180 - 1977 - 1800 Hours
Cab - Air - Duals - 3 Pt. - PTO
Very Nice ONLY $14,900



Long 610 Hi Clearance
30" Clearance, Diesel, 3 Pt.
Choice of 2 ONLY $6,900

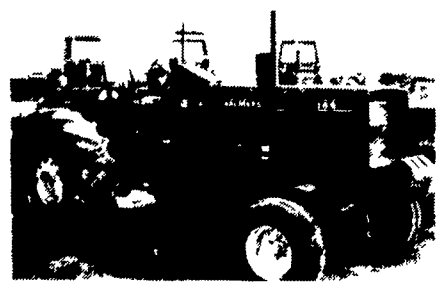


Case 600 & Grain Head
Very Clean $3,900

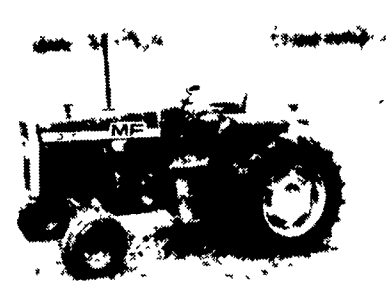


White 7300, QT Grain,
Very Nice $7,800

REDUCED $400



AC 185, Super Sharp, 3400 Hours
ONLY $8,500



MF 1085-1977-2000 Hours-90% Rubber
ONLY $7,900

EXCELLENT SELECTION OF AFFORDABLE USED TRACTORS

WENGERS INC.

251 SOUTH RACE STREET, MYERSTOWN, PA 17067

TELEX 316290

PHONE: 717-866-2135

NIGHTS, PHONE: 717-866-7147 or 717-273-9089

JOHN DEERE TRACTORS

A $850
H w/Cultivator $1250
A w/Widefront $1500
(2) G . . . . . Choice $1500
3010 Gas-Try $2900
R-New Paint $3000
730D-Try-3 pt.-Direct Ele. $3200
(2) JD 301-WF-3 pt.-1971 . . . . Choice $4850
4020D-Diff.-1967-As Is $5400
(2) JD 2010 w/Loader . . . . . Each $5900
JD 301 w/Mower $5900
5020 . . . . . $6900
4020-Very Nice $7500
5020-Duals $7900
5020-Cab $7900
4320-Cab-3800 Hrs.-Nice $10,700
4230-4 WD-Cab-Quad-Excellent . . . $15,500

FARMALL TRACTORS

H-Fenders-Clean $1500
Super C-New Paint. $1650
(2) 460-Gas-Try . . . . . Each $1900
(2) 560 Gas-As Is . . . . . Each $2400
Super AV w/Cultivator $2900
460 w/Loader $2900
560-D-WF-FH $3700
140 w/Woods Rotary Mower $3950
140, Cult, FH $3950
560D-Clean-Wide Front-FH $4500
374-Cab-Clean $4950
544 w/Ind. Rotary Mower $5900
656D-Hydro-Clean $6500
574-Cab-1975-4300 Hours-Nice $6500
574-Cab-1977-Nice $6900
966-WF-3 Pt. $6950
484-Cab-1979-2200 Hours $7600
784-Cab-3500 Hours-1978 . . . . . $7900
584 Diesel-1980-1100 Hours $8900
784-4WD-Cab-1978-3500 Hours $8900
684-Cab-1980-Nice-2300 Hrs. $8900
1456-Cab-Nice $9650
766-Cab-Low Hrs.-Sharp $9800
1066 w/Cab & Duals-1972-Nice $10,300

ALLIS CHALMERS TRACTORS

(2) D19 Diesel-1 has Loader . . . . Each $2850
7000-As Is-Cab. $4900
(2) 190 XT Series 3-Cab-Nice . . Choice $6900
200-No Cab-Nice $7500
220-Very Nice $7700
185-Wts.-Very Nice $8500
210-Cab-Loader-Nice. $8900
185 Cab-Air-1978-2200 Hours $9900

FORD TRACTORS

6000D-Wide Front $2000
4000 w/Loader $5900
2000 w/Mower-CLEAN $6500
3400 w/Loader $6900
(2) 6600-Cab-1977-Dual Power . . . . . Choice $6900
7600-Cab-1977 . . . . . $6900
6600-Cab-1977 . . . . . $6900
8000D-Weights-38" Rubber $6900
6600D-Flat Deck-1976 . . . . . $7900
4600D-1981 . . . . . $7900
8000D-Cab-Duals-Wts. $7900

CASE TRACTORS

1070 w/Cab-As Is $4500
1070-WF-P.Shift $4500
1030D w/Cab-Low Hours. $4900

MASSEY FERGUSON TRACTORS

35 Diesel $2900
65-Utility Diesel $3950
165 w/Loader-Gas $4900
165 Diesel-Nice $5450
1080D-1969. . . . . $5900
1085D-1977. . . . . $7900
1150-Cab-Duals-Sharp $8900

OLIVER & WHITE TRACTORS

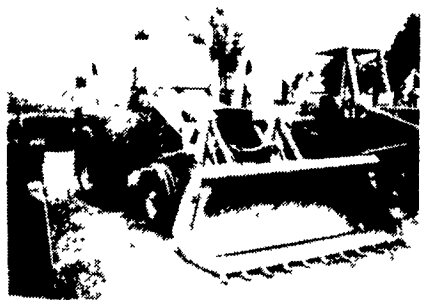
1650 Gas-New Tires $4500
1800-Cab-Nice. $4950
1855-Cab-Air-Sharp. $8900
4-180 Duals, Cab, 3 pt. PTO-1977 Air-1800 Hours. $14,900

IMT & LONG TRACTORS

Long 460-1978-As Is $2500
(2) Long 610-Hi-Clear. $6900
IMT 539-New $6995
360 4 WD-New-Was $13,690 . . . . . $9900
460 4 WD-New-Was $15,373 . . . . . $11,200
310 4WD w/Loader-New. $11,900

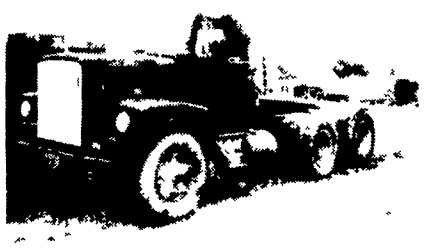
FINANCING AVAILABLE WITH 20% DOWN- UP TO 4 YEARS

LAST ONE



1978 Case 580F,
Backhoe, New Paint, 4 in 1,
Cab Slider,
$16,750

REDUCED $250



White Truck Tractor
Cummings, Full Screw, Wetline
Runs Good, Looks Poor
$3,250

REDUCED $600

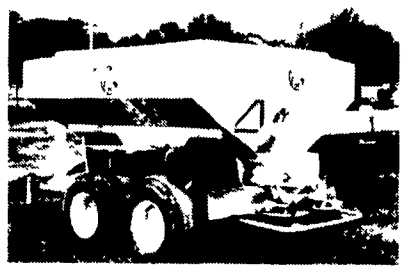
AC 185 Cab, Air, 1978
2200 Hours, Sharp
ONLY **$9,900**

CLEAN COMBINES PRICED REASONABLE

- JD 6600 Diesel Hydro
- IH 615 w/800 Head
- (2) MF 750 Diesels
- AC Gleaner K
- White 7300
- Case 600
- MF 300 QT
- JD 3300 Diesel
- NI 705 Diesel Uni System /Harvester & 3x30 Corn

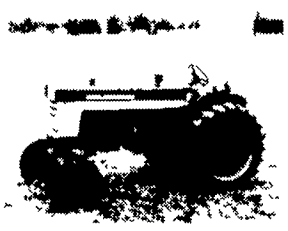
EXCEPTIONAL BUY

Ford 6600 - 1977's
Choose From 3 With Cabs
(2) Have Dual Power
CHOICE **$6,900**

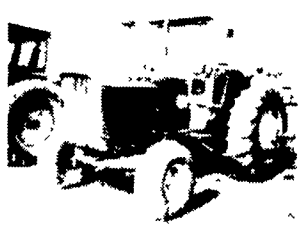


Tandem Axle Fertilizer
Spreader
ONLY **$2,950**

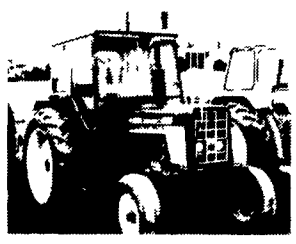
REDUCED $1000



IH 560 Diesels - From
Average to Excellent
$3,700 to $4,500
IH 560 Gas - Narrow Front
ONLY **$2,400**



JD 5020 - Runs Good
Good Buy **$7,900**

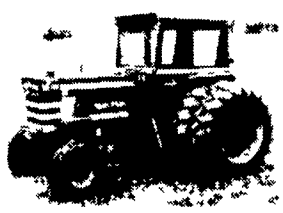


IH 574 Cab, 1975
Nice **$6,500**
IH 574 Cab, 1977
Nice **$6,900**

IH 684-1980-2300 Hours
TA-Very Clean-**$8,900**

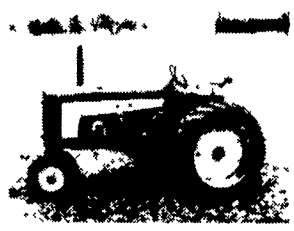
CONSTRUCTION EQUIPMENT

NEW 1985 TRAILERS ON SPECIAL
• 2 Axle, 4 Ton, 14 Ft. **$1,595**



MF 1150 Sharp, Lots of
Options, Only 2000 Hours
Cheap Power **$8,900**

REDUCED $700



JD 730D, Direct Electric,
3 Point, Nice **$3,200**

BACKHOE ATTACHMENTS

JD-Case-AC-Long 3 pt
McConnell 3 pt

TRACTORS WITH LOADERS

IH 460 . . . . . $2900
Case 530-As Is. . . . $3900
MF 165. . . . . $4900
(2) JD 2010 . . . Ea. $5900
Ford 4000 . . . . . $5900
Ford 3400 . . . . . $6900
Long 310-4WD, New $11,900

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Ford Log Hog . . . $3900
Athey As Is. $5900
Franklin 130B . . . $6900
IH S7C $9500
Clark 666B-1975 w/Grapple As Is . . . $13,700
JD 440C-1978 $22,800
JD 640 w/Grapple $23,900
JD 440C-1980 $24,800
JD 640 $27,900

BACKHOES

Temco 8-New. $3750
Ford NAA $4300
Case 530-As Is. . . . $4900
Case 530 . . . . . $6900
Case 480 . . . . . $9750
Ford 4500 Cab . . $10,750
Case 580B $12,250
Case 580B $12,500
Ford 5550 ROPS $12,800
JD 310, Cab $14,750
JD 310, Cab $15,250
Case 580F Cab. . $16,750
Ford 550 Cab . . . $18,500
JD 410, Cab $18,750
JD 410, Cab $19,750
JD 410-Cab-1979 $21,750
JD 410-Cab-1980 500 Hrs. . . . $23,750
(2) JD 310A. . . . $18,750 . . . . . & $19,500
IH 3616 . . . . . Coming In

TRAILERS

1985 2X 4 Ton $1595
1985 3X 9 Ton $4500
1978-25 Ton Fold Gooseneck . . $24,500

SKID STEER LOADERS

Gehl - As Is. . . . $1500
Case 1740D. $5800
Melroe 731D $6800

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Hough H25. . . . . $2500
Little Dipper $2900
Michigan 55 . . . . . $3900
MF 356. . . . . $4900
Hough 30R. $5900
Trojan Diesel . . $5900
Hough Diesel $6900
Case W7E $10,700
Terex 72/31-1972 . . . . . $19,500
(2) Ford A62-Cab . . . $24,800 & 27,800
Terex 72/31-1977 . . . . . $27,500
Ford A64 1978 . $28,500
Case W20 . . . . . $28,500
Michigan 75B . . . $28,500
Michigan 55B . . $29,500
Cat 920 . . . Coming In

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IH TD6-62 Series . . $5900
JD 350B $10,700
JD 450 . . . . . $10,700
Case 350 6 Way . $12,400
Case 1150B 6 Way . $16,500
Case 350B 6 Way-1979 $18,200

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(60) Used Hoe Buckets . . From $100
(30) Loader Buckets . . From $100
(30) Set Forklift Forks . . . . From $300
Case 580B Cab $750
New 3 pt. Winch. . . $1495
JD 350 Winch Attach $1850
Limb Chipper $4500
Sheepsfoot Roller-Nice-9' $4500
AC D Grader $5900
Wabco Self Loading Pan $7900

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4000 lb., Solid Tires, Side Shift. . . $1900
Yale 4000 . . . . . $3500
Case 580-As Is. . . $3900
Erickson 5000 lb.-RT $4900
Clark 8000 lb.-RT $6900
Hyster 10 Ton. $14,000
Sanderson SB70 Coming In

CRAWLER LOADERS

Oliver OC3. . . . . $2500
Case 310 . . . . . $3900
AC H3 w/Ripper. . . $6900
Cat 951A $12,500
JD 350B $12,500
Case 450 w/Cab 4 in 1 . . . . . $13,500
Case 450-Cab. . . $14,500
Case 450 w/Cab 4 in 1 . . . . . $17,500
Cat 951. . . . . $17,500
Case 450 w/Cab 4 in 1 Hoe. . . $18,500
Cat 941 w/4 in 1 bkt $21,700
Case 450 w/Hoe Cab-4 in 1. . $23,500
(2) Cat 931 Cab. . . . $23,500
Case 850B-4 in 1-Ripper-Cab. . $31,500

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(2) Mack 25 Ton Rock Trucks $77,800

EXCELLENT SELECTION OF AFFORDABLE USED EQUIPMENT

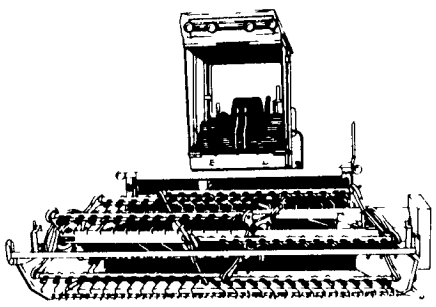
DEPENDABLE MOTOR CO.

East Main St., Honey Brook, Pa. 215-273-3131-273-3737

NEW EQUIPMENT SPECIALS

NH #320 w/#70 Thrower	ONE ONLY	$12,800
NH #316 SS		$8,600
NH #256 Steel		$2,345
NH #258 Steel Tine Rake		$2,770
NH #456 Mower		$2,470
NH #718 Harvester (Demo)		
NH #782 Harvester, Metal Detector (Demo)		
NH #28 Blower		$2,915
NH #770W Pickup Head		$1,925
NH #8 Forage Box, 3 Btr. and Roof w/234 Wagon and 13:50 Tires, Adjustable Tongue		$7,250
NH 307 Spreader		$11,500
NH #355 Grinder Mixer, Hydraulic Drive		$7,430

1495 SP DEMO.
Haybine Cab,
Air & Diesel



SPECIAL Deal
Only 1 Available
$26,490
Cash Discount Month
of August $1000.
$25,490.

PLUS MORE EQUIPMENT IN STOCK - CALL TODAY

- Waiver of Finance On All New & Used Hay & Forage Equipment Till September 1, 1985

OR

- Cash Rebates Up To $6300

OR

- 0% Financing - 12 Mos.
- 5% Financing - 18 Mos.
- 7.9% Financing - 24 Mos.
- 9.9% Financing - 36 Mos.
- 11.9% Financing - 48 Mos.

DEPENDABLE IS MORE THAN OUR NAME

STOUFFER BROS. INC.

1066 Lincoln Way West Chambersburg Pa
Phone 717-263-8424

HESSTON 7655 SIDE DUMP SELF PROPELLED HARVESTER
Like New, 320 Hours
$52,000
7 Ft. Pickup **$2,500**

HARVESTERS IN STOCK
Gehl CB750 Demo w/Hydraulic Sharpener & 1,000 PTO
Gehl CB1250 Demo w/Hydraulic Sharpener, Elec. Control
Hesston 7155 w/Hydraulic Sharpener, Elec. Control

FOR. HARV. & GRAIN COMBINES
Gehl CB1200 6 Ft. Pickup, 3 Row Cornhead
John Deere 35 w/6 Ft. Pickup, 2 Row Head
IH 205 Combine w/13 Ft. Grainhead, 3 Row Narrow Head
MF 410D Combine w/13 Ft. Grainhead
NH 770 Harvester w/2 Row Wide Head & Pickup

USED SQUARE BALERS
NH 66 w/Engine, Good Cond.
IH 420 w/Thrower
IH 47 w/Thrower

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Hesston 4600
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Hesston 5545 - 48x70" Bale
Gehl 1460 - 45x60" Bale
Vicon 1210 - 48x60" Bale

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Case 1845 Diesel
Case 1816C Excellent Condition
Gehl SOLD 0
Gehl 4400 Gas
IH 260 Industrial Loader
Case 680C Loader Backhoe
10 Ton Tag-a-long Trailer

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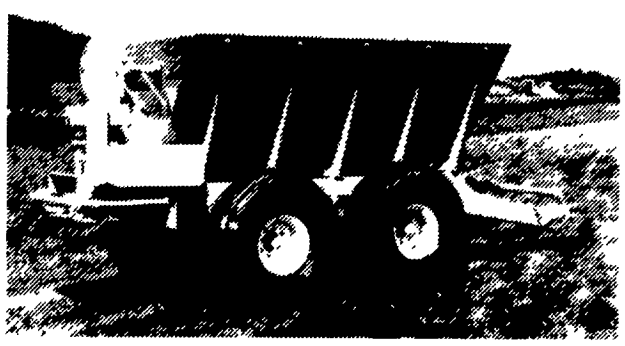
Hesston 1014 12 Ft. Swing Tongue
Hesston 1014 10 Ft. Swing Tongue
Hesston 1090
JD 1209
Case 555, Ready For Field
Vicon KM240 8 Ft. Rotary Disk
Gehl 1080 Rotary Disk

BLOWERS
(3) Gehl 99's
JD Big Blower
Badger Like New

FORAGE BOXES
Meyers 3 Beater w/Roof
JD 216 2 Beater, No Roof
NH Model 8, 12-Ton Tandem

Buy direct from the C.U. Stoltzfus Mfg. factory and save on every spreader need.

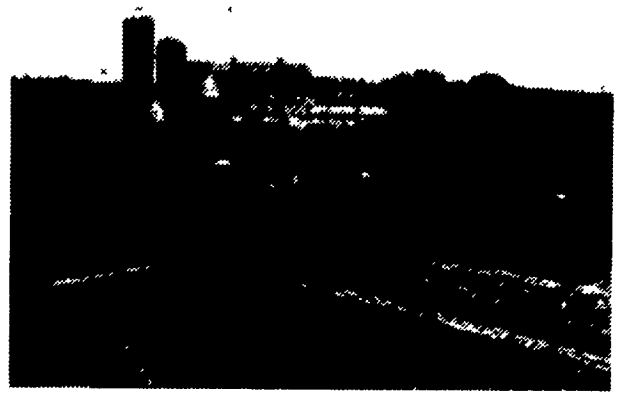
WET LIME SPREADER



Some farmers are saving as much as $16 per ton spreading their own lime!

- Spread it when you want it spread
- Rugged construction, built to last
- Great for fertilizer, poultry waste and similar materials
- Truck mounted in 9' to 14' lengths
- Tractor drawn in 2, 5, or 8 ton models

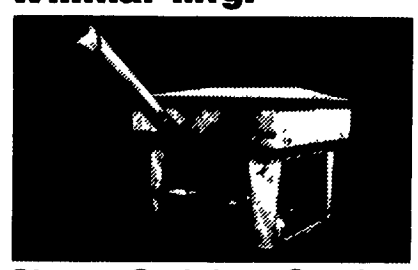
SOWER SPREADER



With today's prices you can't afford to waste fertilizer.

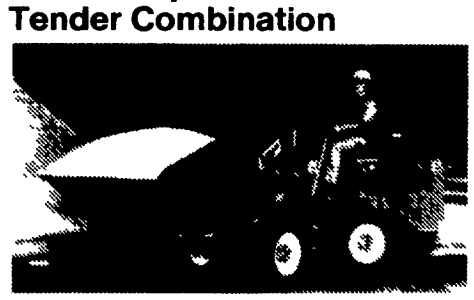
- Accurate, even spreading, as much as you want right where you want it.
- Designed for all types of dry, free-flowing materials such as dry lime, rock phosphate and fertilizer.
- Truck mounted or tractor drawn

Outstanding values from Willmar Mfg.



Six ton Stainless Steel Tender

Five ton Spreader/ Tender Combination



One ton Articulating Loader

C.U. Stoltzfus MANUFACTURING, INC.

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"Leaders in the field for over a quarter century."

SEE US AT AG PROGRESS

JOHN DEERE bobcat®

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John Deere 500A, Tag 5052 ..... $7,500
John Deere 310A, 1978, Cab, Tag 1936 ..... $20,000
Ford 4500, 1975, Cab, Tag 2485 ..... $11,000
Ford 7500, 1973, Cab, 17'8" B/H 1½ yd. loader, Tag 5037. $15,000

WHEEL TRACTOR

International 784, 1980, Rollbar, 3 pt. hitch, low hrs.-like new, Tag 5017 ..... $9,000

RUBBER TIRED LOADERS

Owatonna 770 Diesel $12,000
AC 940 ..... $11,000 (No Rops)

SKID STEER LOADERS

Bobcat 642, 1984, 600 Hours Tag 7040 ..... $9,500
Bobcat 440, 1983-only 488 hours, Tag 3014 ..... $6,500
Bobcat 543, 1984 - only 40 hrs., Tag 7014 ..... $11,200
Bobcat 530, 1980 w/Backhoe $6,500

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LCL Construction Equipment
2590 Unionville Pike
Hatfield, PA 19440
(215) 362-2510 (215) 242-5757

USED EQUIPMENT

NEW EQUIPMENT SPECIALS

New Landall 5 Shank Soil Master
JD 1610 Pull Type 11' Chisel Plow
JD 1710A Pull Type 11' Mulch Tiller
JD 2700 6 Bottom Spring Reset Plow
JD 2600 5 Bottom Spring Reset Plow
JD 1010 13' Field Cultivator
JD 900 V-Ripper 7 Standard
JD 27 Flail Shredder

Ask About Special Waiver on Used Tractors

TRACTORS

JD 4630 ..... Coming In
JD 4040 ..... Coming In
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Oliver 1650 Diesel Overhauled ..... $ 5,500
JD 4440 w/SG, 500 hrs. $25,500
JD 2020 w/Hi-Lo, 1900 hrs ..... $ 6,500
IH M Diesel ..... $ 800
IH 1486 w/Duals $16,900
JD 2940 ..... $15,000
JD 2510 ..... $ 5,500
JD 730 Dsl ..... $ 3,500

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IH 205 Combine w/3R C.H. ..... $ 5,500
NH TR 70 w/6 Row Head $19,900
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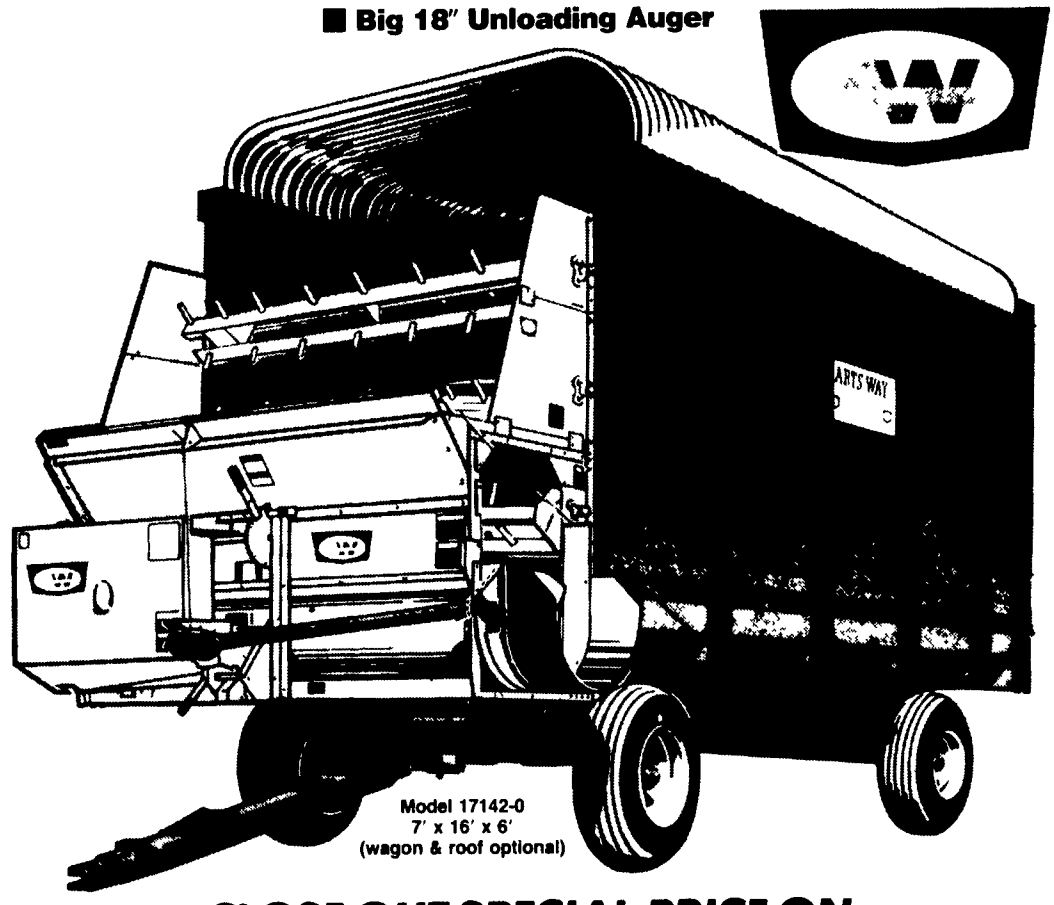

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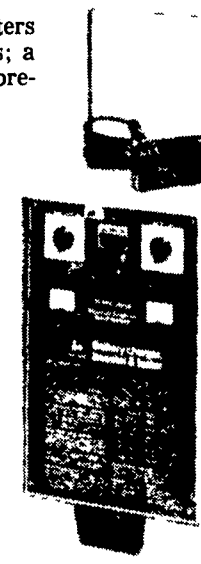
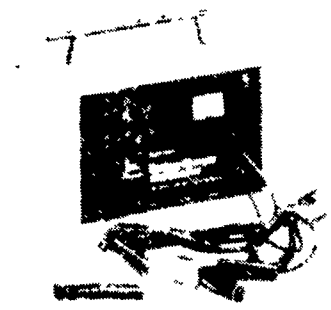
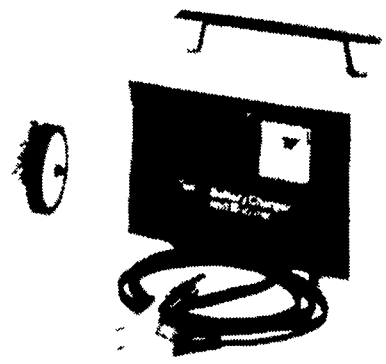


All have a 5-position dial — off, 6-volt fast charge, 12-volt slow charge, 12-volt fast charge, and 6- or 12-volt boost. The 15-amp and 30-amp chargers have extra-heavy carrying handles. The 80-amp charger wheels right to where it's needed, and has a controlled timer for automatic shutoff.





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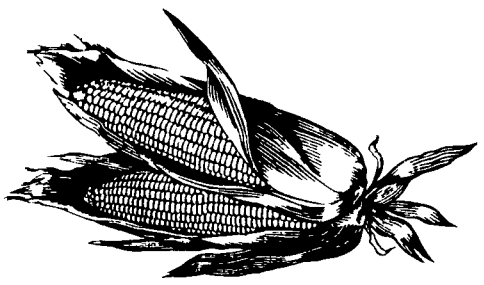
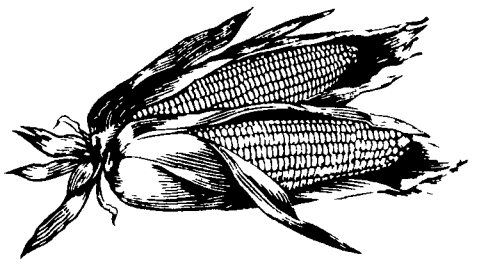


HARVEST OF SAVINGS



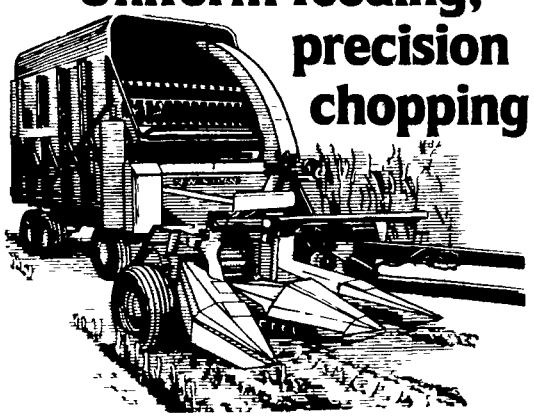
Exclusive— 12-knife cutterhead

High quality feed is important to you So you'll like the fine uniform chop you get from the Model 718 forage harvester It's the only medium duty chopper available with a 12 knife cutterhead to give you a controlled even cut

MODEL 718 FORAGE HARVESTER
w/12 Knives, Manual Controls, Model 824, 2-Row Corn Head And More

SALE PRICE $9,890
*** AUG. CASH DIVIDEND ..... - 400**
$9,490

Uniform feeding, precision chopping

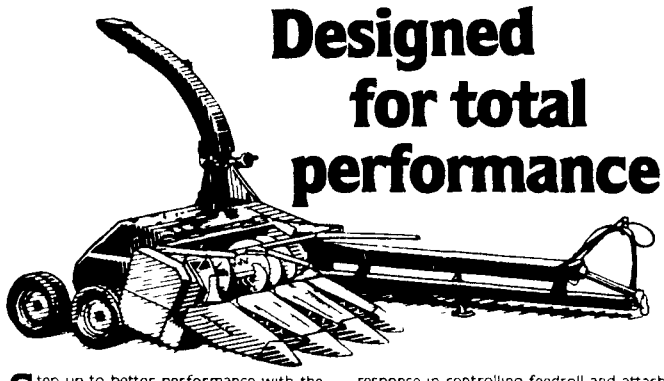


You get precision chopping with the Model 782 forage harvester from Sperry New Holland The four feedrolls provide uniform feeding into the 12 knife cutterhead so you're assured of a uniform chop That means easier unloading blowing storing and feeding

MODEL 782 FORAGE HARVESTER
w/12 Knives, 1000 RPM Electric Controls, Metalert II Adjustable Spout, Auto Hitch, Spout Liner, Model 824 Corn Head and More.

SALE PRICE $16,500
*** AUG. CASH DIVIDEND ... - 400**
$16,100

Designed for total performance



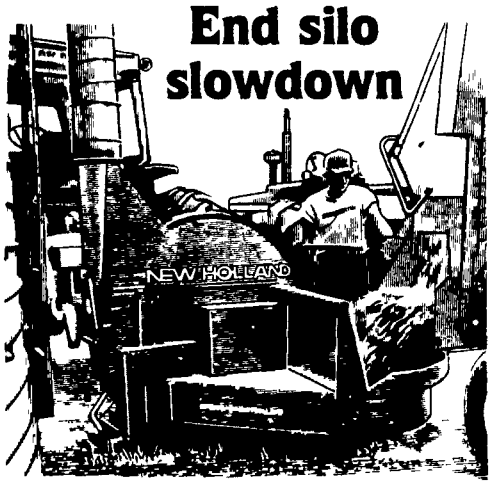
Step up to better performance with the Model 900 forage harvester from Sperry New Holland The 12 knives of the 21 inch diameter cutterhead deliver uniformly cut high quality forage Here are just some of the features available that make the 900 a harvester designed for total performance

- Electromagnetic clutches — give instant response in controlling feedroll and attachment drives
- Easy adjust shearbar - makes adjustment fast and precise
- Two speed blower is energy efficient
- Hydraulic swing tongue--makes mounting attachments fast and easy
- Metalert® II electronic metal detector--protects cutterhead and your valuable animals

MODEL900 FORAGE HARVESTER
Loaded With Options And Extras With 3-Row Auger Base and 3-Row Narrow Crop Attachment.

SALE PRICE $24,125
*** AUG. CASH DIVIDEND ..... - 700**
$23,425

End silo slowdown



The Model 28 forage blower is built to reduce plugging and save time The Whirl-A-Feed® table breaks up heavy clumps and spins the crop into the blower housing at a high speed So the fan doesn't have to accelerate the crop from a dead stop There's less drag on the fan, more efficient use of your tractor's horsepower, and greater capacity

MODEL 28 Whirl-A-Feed FORAGE BLOWER 540 RPM

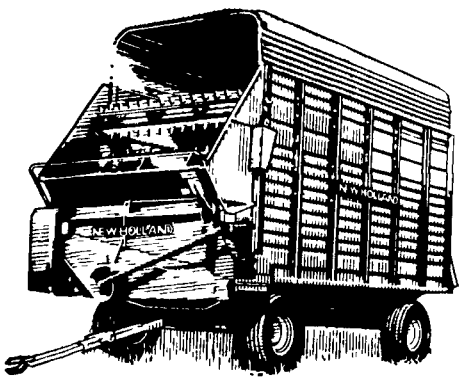
SALE PRICE $3,000
*** AUG. CASH DIVIDEND ..... - 75**
$2,925

The Sperry New Holland Model 30 forage blower has only one speed — FAST It keeps up with your harvester and wagons and fills silos quickly The secret of the Model 30's capacity is its 1,000-rpm driveline and the Whirl-A-Feed® hopper that gives the crop a "running start" before entering the blower And the hopper is a whopping 42 inches in diameter for reduced spillage If you're looking for a blower with amazing capacity, ask us about the Model 30

MODEL 30 Whirl-A-Feed FORAGE BLOWER 1000 RPM

SALE PRICE $3,150
*** AUG. CASH DIVIDEND ..... - 75**
$3,075

MODEL 8 CROP CARRIER
630 Cu. Ft., 16 Ft. Box High Sides, 3 Beaters Roof, Variable Speed, Rear Unload



SALE PRICE..... $5,100
*** AUG. CASH DIVIDEND - 150**
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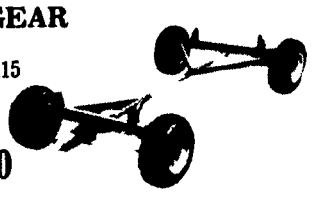
- **MODEL 230 RUNNING GEAR**
  6 Ton w/Adj. Tongue & 95Lx15 Tires



SALE PRICE $1,120

- **MODEL 234 RUNNING GEAR**
  8 Ton w/Adj. Tongue & 11Lx15 Tires

SALE PRICE $1,325

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MODEL 855 ROUND BALER
Auto. Wrap
540 RPM
Loaded

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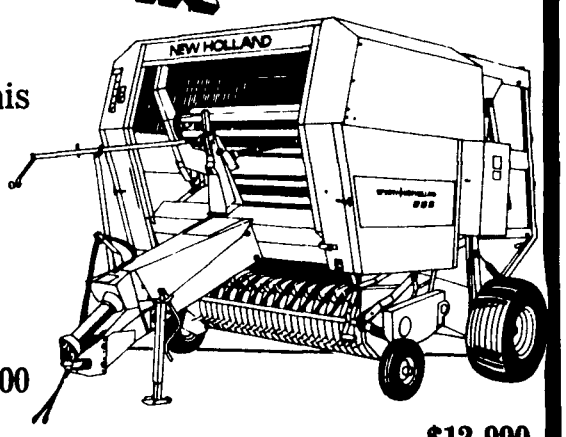

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$100 SHOWDOWN DEMO ALLOWANCE... - $100
*** AUG. CASH DIVIDEND ..... - $350**
$12,540

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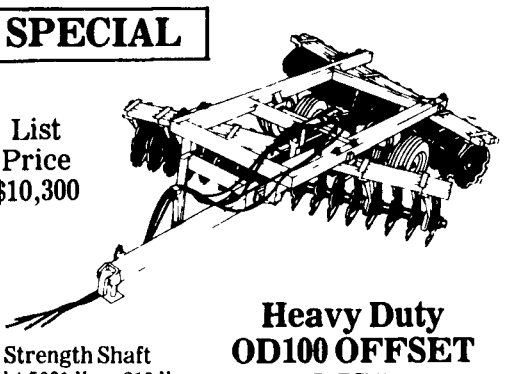
$6500 List Price $10,300



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- Dual Wheels
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Heavy Duty OD100 OFFSET DISK

MODEL 890 E2
2-ROW EAR CORN SNAPPER HEAD
Fits 890, 892 and 900 Harvesters

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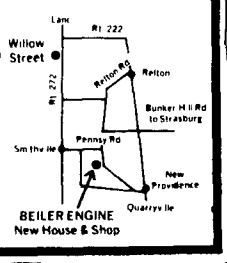

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- NI Corn Picker $3300.00
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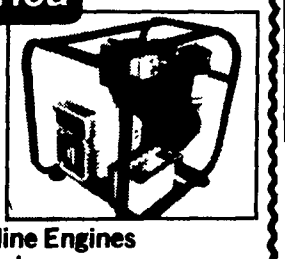

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NH 1600 Forage Harvester	$23,000
NH 822 Corn Head	$1,000
NH 824 Corn Head	$3,600
NH #8 Crop Carrier w/Extension Sides, Roof, Long Adjustable Tongue w/NH 38 Wagon w/Float Tire	$5,750
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Used NH 495
Haybine, Fair
Condition
$1,900

SHOVER'S
Loysville, Pa.
717-789-3117

1 **FARM EQUIPMENT**

Ford TW30, TW10 w/cab, air; Ford 8000; 5000 w/loader, 5000 4WD, 5000, 800, 8N; Int. 2424, 706, A w/loader; Kubota 225 w/mower, 7100 w/mower & loader, 6000 w/mower; Ford A62 payloader, Ford 340 w/loader, Ford 550 TLB, Ford 555 TLB; Case 580B TLB; Case 580CK TLB; Ford 555TL; Ford 550TL; JD 350 crawler w/blade; Melrose Bobcat; Ford 3600 w/Lincoln Welder; GMC Truck, diesel engine w/rollback bed; Ford Dump Truck; GMC w/hydraulic dump bed; Woods model 0210 14' mower; 10' orchard model mower; Ditch bank mower; 5' mower; 4 used rotary mowers $295 & up 5' & 6'; new rotarys 5', 6' & 7', 3 pt. & pull type; Bomford 21' side boom mower; Lely Tedder Rakes, 14' $1,700; New Tedder 10'; New Lely Tedder Rake; MC Flail Chopper 9'; MC Chopper to load on wagon.

STRALEY FARM SUPPLY, INC.
Farm - Industrial Equipment Sales & Service
Dover, Pa. 17315
Ford, IHC, Kubota, Woods, Bush Hog, Danuser, Little Giant
717-292-4443

DEPENDABLE MOTOR CO.
East Main St., Honey Brook, PA.
215/273-3131 or 215/273-3737

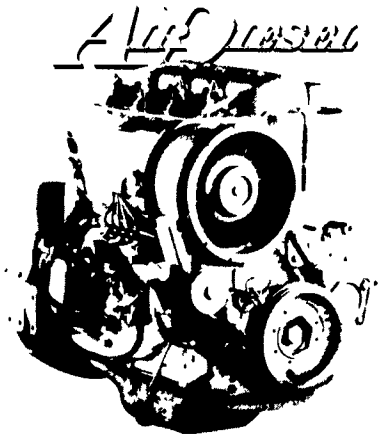
Pittsburgh 4B 18" Semi Mtd Auto Reset Plow $5275
Dunham 3 Bar 8 Tooth Chisel Plow Spring Loader 32" Shanks $1695
Dunham 8' & 10' Cultipackers Special Prices

USED EQUIPMENT

(2) NH 315 SS Baler Exc.
NH 273 SS Baler
NH 276 SS Baler
NH 28 Blower
NH 717 N2 Corn Head
NH 489 Haybine
Butler Oswalt 1830 Ensilmixer
Case 4B Plow
NH 717 Harvester
McCurdy Grain Bin
NH 519 Spreader
Brillion 12 ft. Field Cultivator
NH 770 Harvester w/Electric Control. 2 Row Head and Corn Head.

DEALER FOR
BUTLER
Livestock Systems
NEW HOLLAND
Roskamp
HUTCHMASTER

30 YEARS AGO
Our Dad Bet His Future On This Unconventional Diesel Engine... HE WON!



YOU CAN BE A WINNER, TOO!

Buy DEUTZ Diesel Powered Equipment Or Power Units And Get The LOWEST LIFE-CYCLE COSTS In The Inudstry - Plus - Kick The Hassles Of Liquid Cooling Systems.

See Us At The AG PROGRESS DAYS SHOW

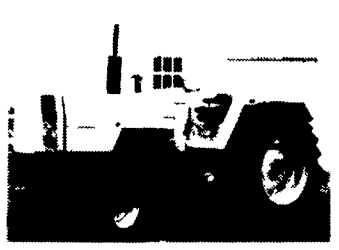
KHD DEUTZ

Serving Eastern and Western PA with retail, wholesale and O.E.M. sales

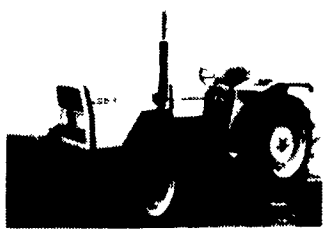
Stauffer Diesel Inc.
R.D. #3, Box 659B Pleasant Valley Road
Ephrata, PA 17522
(717) 738-2500

NEW TRACTOR STOCK SALE

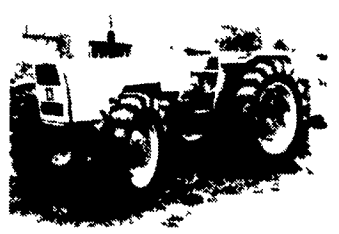
Deutz DX 4.70
90 HP Turbo Diesel, 19.6 GPM Hyd. Pump, 15 Speed All-Synchro Trans., 540/1000 PTO, F. Weights. Unit #225. Rental - Call For Price



Landini R 10000
92 HP Perkins Diesel, 12 Speed All-Synchro Trans., 18.4x38 R. Tires Handsome appearance. Make Offer



Landini DT 5830
42 HP Perkins Diesel, 12 Speed Synchro Trans., Full FWD, 4 Disc Wet-Type Brakes, 4 Wheel Brakes, Big Front Tires Unit #233
$19,995



Landini DT8830
68 HP Perkins Diesel, 12 Speed Synchro Trans., Full FWD 5 Disc Wet-Type Brakes, 4 Wheel Brakes, Automatic F. Differential Lock, Big Tires. Unit #243
$13,950

NOTICE: CASH PRICES FOR LIMITED TIME
All new & demos w/New Factory Warranty. All Actual Photos
9.9% D.C.C. Financing Available On Deutz

FROM OUR SERVICE DEPARTMENT:
10% Parts Discount On All Tractor Repairs Over $500 - Shop Or Road

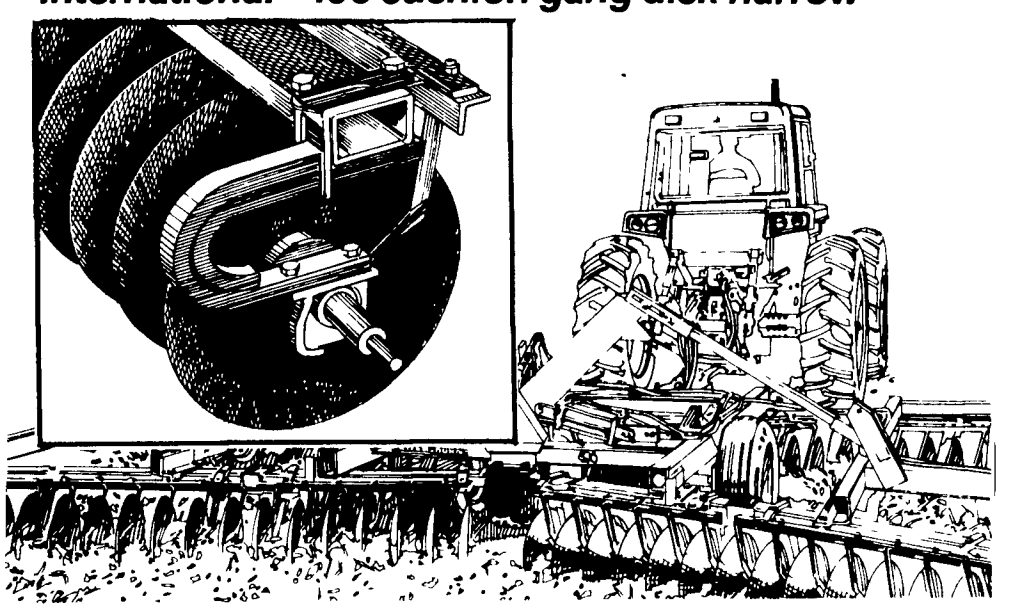
We Have Moved To Our New Building At 222/322 Crossing, Ephrata, PA

Stauffer Diesel Inc.
EPHRATA, PA 717-738-2500

case IH **NOW FOR FALL TILLAGE...**
LOW PRICES ON TOP PERFORMING DISK HARROWS FROM CASE IH

Great performance in rocky soil conditions

International® 496 cushion gang disk harrow



If you have rock and root infested fields, the International 496 Cushion Gang may be the only disk harrow that's tough enough for you That s because it has exclusive C-shaped, double spring steel bearing standards that soak up shock loads and allow the gangs to flex over obstructions Stop in Get the facts on the 496 The harrow that's tougher than your toughest field

- Folding wing sizes from 18'7" to 32'
- Super-strong IH Earth Metal™ disk blades last up to 20% longer
- Spring-cushioned Self-leveling hitch
- Synchronized master and slave cylinders provide level disking

Finance plans available.

- 496 Cushion Gang, 18'7" Hyd. Fold ..... List $12,640
  August Sale Price w/Waiver To 4/1/86 ..... $9,410
  OR PAY CASH NOW ONLY $8,610
- 475 13'9" 22 in. Disks ..... List $6,445
  August Sale Price With Waiver To 4/1/86 ..... $4,838
  OR PAY CASH NOW ONLY $4,463

GOOD USED EQUIPMENT ON SALE

- 1086 Tractor, Cab, Air, 20.8x38 Radial Tires, Full Set of Whts.
  Reg Price $19,500
  Now w/Waiver To 1/1/86 ..... $17,950
  OR PAY CASH NOW ONLY **$16,990**
- 475 Disk Harrow, 11'6" **$3,400**
- 350 Disk Harrow 11'6" **$1,550**
- 710 Four Bottom Plow, Automatic Reset **$3,300**
- Brillion Packer 4 in Axle 13' **$950**
- 350 Disk Harrow 11'6" **$750**

R.S. HOLLINGER & SON, INC.
113 W. Main St. Mountville, PA
case IH PARTS AND SERVICE
(717) 285-4538
STORE HOURS Mon , Wed , Fri 7 AM-8 PM, Tues & Thurs 7 AM-5 PM, Sat 7 AM-2 PM

USED TRACTORS
A.C. 6080 Fully Weighted
JD 620 Tractor

MANURE SPREADERS
NI 218 Spread w/Hyd. Endgate
NI 206 Ground Drive Spreader
Hawk Bilt 187 R.H. Tank Spreader
Starline 930 L.H. Tank Spreader

HAY EQUIPMENT & FORAGE
NH 495 (12 ft.) Haybine
NH 489 Haybine
NH 1495 Hydrostat with Air
NH 320 Baler w/No. 70 Thrower
NH 1010 Automatic Bale Wagon
NH 770 R-2 Chopper Head (2 Row Wide)
890A, 890W, 890-N-3 (3 Row Narrow Chopper Head)
NH Super 23 Forage Blower
Hesston 1010 Hydro Swing Haybine

UNI EQUIPMENT
709 Uni Tractor w/Rear Wheel Assist, Fully Wgted
702 (Gas) Uni Tractor
760 Uni Chopper
762 Chopper Head (2 Row)
717 Comb SOLD 13 ft. Header
713 S Grain Head
724 Stripper Head (3 Row Wide)
729 A Sheller
766 Pickup Head

COMBINES & CORNHEADS
1976 KKS Gleaner Combine w/10 ft. Hdr.
1974 300 M.F. Combine w/10 ft.
300 M.F. (Diesel) Combine
AC 238 (2 Row) Corn Head
M.F. Qt. 24 Corn Head
MF 322 Corn Head (3 Row Wide)

MISC.
12½ Miller Offset Disc
450 Art-Way Grinder Mixer
731 Bobcat Skid Loader

NEW SPECIALS

10 ft. Brillion Seeder **$2995.00**

NH 718 Forage Harvester **$6750.00**

ALLIS CHALMERS · NEW IDEA FARM EQUIPMENT · SPERRY NEW HOLLAND

A Division of CENTRAL TRACTOR FARM & FAMILY CENTER

SHARTLESVILLE FARM SERVICE

RD 1, Hamburg, PA
215-488-1025
H. Daniel Wenger, Prop.

NEW HOLLAND · JOHN DEERE

WE ARE IN THE BUSINESS TO SERVE YOU SINCE 1945!

★ Reasonable Bids Accepted On All Equipment ★

NEW TRACTORS...
JD 650, 14.5 Hp
JD 750, 18 Hp 4WD, Turf
JD 2150, 4WD, 45 Hp
JD 2750, 4WD, 75 Hp
JD 4250, 4WD, Cab, PS, 120 Hp w/weights—Buy For $46,000

USED TRACTORS...
JD 4040, PS, Fenders, Less Than 700 Hours
JD 2840 w/148 Loader, 1000 Hours
JD 2640, Good Condition
Ford 4000—As Is
AC D14—Good Cond.
Case 400 w/Plow & Mower—Will Sell Separately

Ask for a price of a New JD 300B Industrial loader or backhoe combination

COMBINES:
(2) JD 6600 Combines--Both Diesels...1 @ $16,500 with 444 Cornhead and 1 @ $18,500 with 444 Cornhead
New JD 6-Row Cornhead..... $13,400
Used Platforms...215 Regular, Exc. Cond..... $3,800
216 Flex, Good Cond..... $4,000

ATTENTION FARMERS & DEALERS...

Check These Special Low Prices

NEW EQUIPMENT SPECIALS...
Miller Pro 2175 Forage Box w/Roof and 3 Beaters-On Your Gear..... $5,100
JD 425 Offset Disk w/Hydraulics, 26" Cone Blades..... $6,500
JD 1219 Mower Conditioner..... $7,100
NH 311 Baler..... $6,500
NH 316 Baler..... $9,500
NH 80 Bale Mover w/Push Off..... $750
NH 256 Rubber Tine Rake..... $2,250
Tye No Till Drill (DEMO)..... $6,350

JD 327 and 337 Balers
JD 2800, 5 Bottom Spring Reset Plow, 18"
JD 40 Manure Spreader
JD 450 Hydro Push Spreader
JD 1610 Chisel Plow
JD 712 11' Mulch Tiller
JD 215 12' Dura Cushion Disk
JD 8350 21x7 Grain Drill
JD 1327 Disk Mower Cond.
JD 4200 4-Bot. Rollover Plow, Demo
NH 353 Grinder Mixer
NH 213, 329, 680 Manure Spreaders
NH 70 & 75 Throwers
NH 1003 Bale Wagon
NH 489 Haybines

★ All The Above New Equipment Will Be Sold At The Lowest Possible Price...Call Today and Save!!

OTHER NEW & USED EQUIPMENT...
Used JD 3940 Harvester w/2 Row Narrow Cornhead and Pickup, Elec. Controls, Like New . **ASKING $10,000 Make Offer**
Used Gehl Hi Throw 54" Blower (Good. Cond.)..... $900
Used JD Rake (Working Order)..... $600
Used Pequea Tedder (Good Cond.)..... $750

KERMIT K. KISTLER, INC.

Rt. 143, Lynnport, Pa. 18066 Phone 215-298-2011
Hours: Monday Thru Friday, 8 to 5; Sat. 8 to 12.

HOT DEALS ON USED TRACTORS

	price with 8.8% financing or interest waiver 1-1-86	Cash Deal Best Buy
Case 885, 43 H.P. 12 speed, low hours	$6400	$5800
Case 1210, 65 H.P. 12 speed	$5800	$5400
Case 1390, 60 H.P. 12 speed, low hours	$11,000	$9500
Case 1070, 110 H.P. Canopy, 8 speed	$10,500	$9500
IH 84 Hydro, low hours, excellent condition	$11,500	$10,700
Agri Power 9000, 110 H.P., 250 Hours	$7900	$7400

USED EQUIPMENT

TRACTORS
Case Vac
Case 1390
Case 1070
Case 1170 Cab
Case 885
DB 1210
Agri Power 9000
IH 84 Hydro
Farmall M
Ford Jubilee

FORAGE
Gehl 99 Blower
Gehl 910 Box
Gehl 920 box/roof
Gehl 940 box/roof
Gehl RC 800 Recutter
IH 51 Forage Box
IH 56 Forage Blower
NH Flail Chopper
JD 65 Forage Blower

MISCELLANEOUS
JD 1240 Planter
2 Row Hershey Transplanter
2 Row 3 pt. Mechanical Transplanter
JD 214T Baler
Woods 15' Mower
Wetmore 878 Grinder Mixer
OMC 217 Mower-Cond
IH 56 Planter 4-Row
10 foot chisel

NEW IDEA
270 Cut-Ditioner
838 Uni-Husker
325/329 Picker Sheller
325/327 Pickers
323 Pickers
710 Combine
743 N Head
767 Harvester

SPREADERS
NI 206 JD 54
NI 213 NH 675
NI 214 NH 679
NI 218 JD 790 Flail

PUBLIC AUCTION FRI., AUG 30th
See Listing in Section F-42

A.L. HERR & BRO.

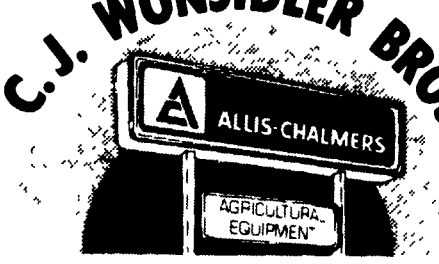
PARK AVE., QUARRYVILLE, PA 17566 PHONE: 717-786-3521

CASE IH · NEW IDEA · HEDLUND MARTIN · GEHL Gets into your system · BUSH-HOG

NEW IDEA

BRANCH
Rts. 309 & 100
New Tripoli, PA
(215) 767-7611
Mon.-Fri. 7:30 A.M. - 5:00 P.M.
Sat. 7:30 A.M. - 12:30 P.M.

C.J. WONSIDLER BROS.



★ 3 LOCATIONS ★
Trumbauersville to Finland Rd., Quakertown, PA
(215) 536-1935 or 536-7523
Mon.-Fri. 7:30 A.M. - 9:00 P.M
Sat. 7:30 A.M. - 4:00 P.M.

SPERRY NEW HOLLAND

BRANCH
Lobachsville, Oley, PA
(215) 987-6221 or 987-6257
Mon.-Fri. 7:30 A.M. - 5:00 P.M
Sat. 7:30 A.M. - 12:30 P.M.

GLEANER combines are built extra tough and productive to begin with. So you can count on getting years of hard work and reliable performance from a used one, too.

We're making some special limited-time offers, including waiver of finance charges ... or big cash discounts ... or low-rate financing. Stop in soon and let's deal on a field-proven used ***GLEANER*** combine.

COMBINES
Gleaner N5 w/cab, air/heat, 15' grain & 630 corn heads.
Gleaner M2 w/cab, air/heat, 13' grain & 630 corn heads, w/170 hrs
Gleaner M2 w/cab, Air/heat, 15' grain & 4-row corn heads, lo hrs.!
Gleaner MKS w/13' grain & 630 corn heads.
Gleaner F2 Diesel w/cab, Air, 13' grain & 438 corn heads.
Gleaner KKS w/cab, 10' grain & 238 corn heads, EXCELLENT!
Gleaner CII w/12' grain & 438 corn heads
Gleaner E w/cab, 10' grain & 238 corn heads.
Gleaner AII w/cab & both heads
Gleaner AII w/12' grain head
JD 55 Special w/cab, 12' grain & 330 corn heads
JD 55 w/12' grain & 338 corn heads
JD 45 w/both heads
JD 45 w/grain head
IH 315 w/cab, grain & corn heads.
NH 975 w/11' grain & 238 corn heads.
NI Uni-System 702 w/717 combine, 4-row corn head

HAY TOOLS
(3) NH 479 Haybine
(2) NH 469 Haybine
NH 460 Haybine
Hesston PT10 Haybine
MC 9E Haybine
NI 279 Haybine
NH 258 Rake

BALERS
Case 330 w/Thrower
NH 275 Baler & 54A Thrower
NH 271 Baler & 50 Thrower
NH 273 Baler
NH 271 Baler wire
AC 443 Baler
IH 440 Baler & 10 Thrower
IH 46 Baler & 10 Thrower w/gas engine

FORAGE
NI 767 Chopper w/702, 2-row corn head & 761 Pick up head.
NH 880 Chopper w/2-row corn & pick up heads
IH 715 Chopper w/1-row corn & pick up heads.
AC 720 Chopper w/2-row corn & pick up heads
(2) NH Super 717 Chopper w/9 knives
IH 830 Chopper w/2-row corn & pick up heads
Coby Forage Wagon
NH 357 Grinder/Mixer
NH 350 Grinder/Mixer
NH 351 Grinder/Mixer
NH 27 Blower
AC Blower
JD Blower

TILLAGE TOOLS
JD 2600 5B Automatic Adj Plow w/spring reset-like new!
Oliver 6B semi-mt Plow
AC 4B 3 pt. Plow
AC 3B 3 pt Plow
JD 13' Transport Disc
JD 10' Transport Disc
Pittsburgh 13' Transport Disc
AC 9' Transport Disc
Brady 16' Field Cultivator
Kewanee 10' Mulcher

TRACTORS
JD 2750 D, w/40 hrs., like new!!
JD 2630 D, Excellent!!
JD 4010 D w/wide front end
JD 4010 D
JD 3010 D
(2) JD 60 Gas
(2) JD B Gas
Oliver 1650 Gas
Oliver 500 D w/3 pt.
Oliver 70 Gas
Farmall 460 D
Farmall 400
MF 180 D w/Loader
MF 50 Gas w/Loader
Long 610 D, 4WD & loader, w/92 hours, like new!
AC 7080 D, w/cab
AC 7060 D, w/cab
AC 200 D w/cab, air/heat
AC 190XT D w/cab
AC 185 D
AC D19 D
AC D17 D
(2) AC WD Gas
AC CA

JOHN DEERE DESIGN, DEPENDABILITY AND DEALERS MAKE THE DIFFERENCE

CHECK THESE SPECIALS — CALL RIGHT AFTER 7 A.M. FOR INFORMATION & PRICE

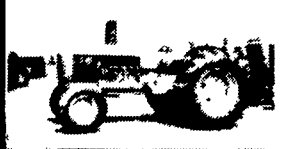
NEW FINANCE TERMS-JDFP

USED UTILITY AND ROW CROP TRACTORS

Financed Interest FREE
TO JANUARY 1, 1986
—PLUS—
UP TO 9 MONTHS EXTENDED WAIVER AVAILABLE
Expires August 31, 1985

JD 2940 TR
w/Sound Guard Body
& H.D. Leon Loader
Reduced W/Waiver

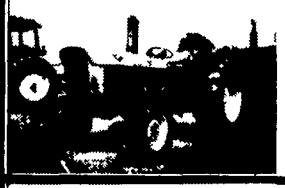
JD 2640 Dsl.
w/Roll-Guard
Reduced W/Waiver



JD 2440 Dsl.
Hi/Lo Trans.
Reduced W/Waiver

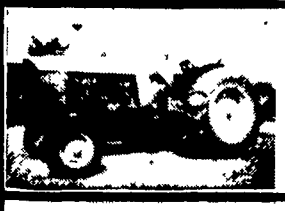
John Deere 4630
Dsl.
Reduced W/Waiver

John Deere 4440
Sound Guard Body,
Power Shift, Triple
Remote Outlets
Reduced W/Waiver



John Deere 1530 Dsl
w/Live PTO, Single
Remote Control
One Owner
Reduced W/Waiver

John Deere 3020 Dsl.
w/Roll-O-Matic, Single
Remote Control
W/Waiver



John Deere 4010 Gas
W/Wide Front End
W/Waiver

John Deere 2510 Gas
W/Roll-O-Matic,
Power Shift
Reduced W/Waiver

John Deere 50
Reduced

John Deere A
(Tag 2277)
Reduced

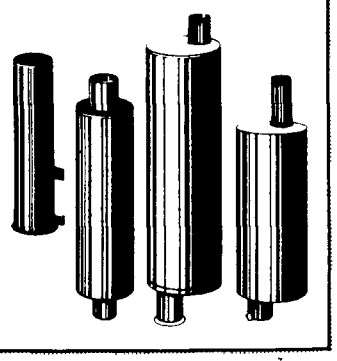
A DIRECT PHONE LINE
TO OUR PARTS DEPARTMENT
DIAL
1-800-524-3276
(1-800-LBI-FARM)
—SERVING PENNSYLVANIA CUSTOMERS—

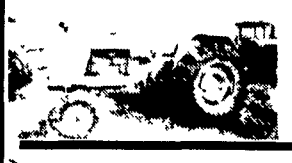
Is your equipment up and running, but running loud?

Then it's time to see your John Deere dealer for quality-built, priced-right mufflers to fit your tractors, cotton pickers, combines, and other equipment.

John Deere mufflers resist heat and corrosion. And have arc-welded seams that are gas tight and water tight.

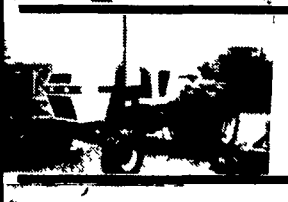
You don't have to put up with a noisy, loud engine. A new John Deere muffler will help make your engine purr as quietly as the day it was new. See us today.





Case 1210 Dsl. WFE
Reduced W/Waiver

IHC 806 Dsl.
TR
Reduced W/Waiver



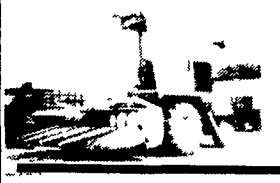
Case 2090
P. Shift, Cab, Dual Whls
1000 Hrs.
Reduced W/Waiver

IHC 1066 Dsl., Cab
Reduced W/Waiver

Hay and Forage Equipment
Interest Free Financing-JDFP
New Machines-until April 1, 1986
Used Machines-until January 1, 1986

USED FORAGE EQUIPMENT

JD 3960 Harvester w/3R 30" RC
JD 3940 Harvester w/2R 30" RC
JD 35 Harvester w/2R 30" RC & 5' P-Up
(2) JD 716 Forage Wagon w/1275 Wgn.
JD 484 4RW Stalker Head
JD 483 4RN Stalker Head



NH 1895 SP, Cab
Air, Metal Det.,
w/4R 30" Row Crop,
Hay Pickup
$31,500

John Deere 5400
S-P Forage Harvester
Cab, Power Rear Drive,
w/483 4R Stalker Head
$40,000

John Deere 5200
S-P Forage Harvester
w/New Engine
3-R 30" Row Crop
7 Ft. Hay Pick-Up

(2) JD 716
Forage Wagons
Excellent Condition

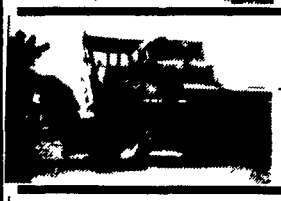
USED HAY EQUIPMENT

JD #10 M.D. Mounted Mower
JD 896 Hay Rake
JD 1209 Mower Conditioner
NI 270 Cut/ditioner

COMBINE SALEATHON

Special Pre-Season Finance Waiver
New & Used Combines
Small Grain Combines - Finance charges may be waived until June 1, 1986
Corn & Soybean Combines - Finance charges may be waived until September 1, 1986

JD 4420, 1980, Combine
Cab-Air & Heat, Grain
Loss Monitor, Auto-Matic
Header Height, 1600 Hrs , Dsl
w/Straw Spreader, w/213
Flex Platform $35,500



JD 7700, 1976, Combine -
Cab - Air & Heat - Turbo - Posi
Torq Auto Header Height Control,
2300 Hrs., Base Machine Only
$22,500

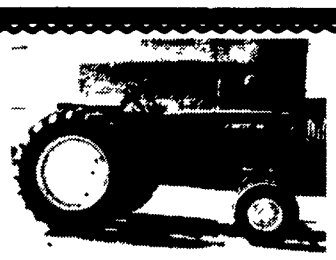
JD 6600, 1976, Side Hill
Combine, Posi-Torq, Cab - Air &
Heat, 2950 Hrs w/215 Flex
Platform, w/643 Corn Head
$36,950

M-F 300 Combine
w/Cab-Air, w/13 Ft Platform
w/33-3R-Corn Head
$12,000

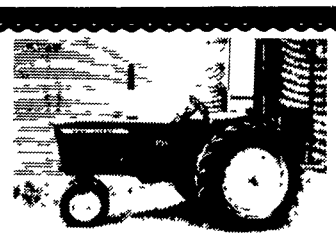
New Idea UNI 702 Dsl
Power Unit, Cab
w/710 Combine 13' Platform
$7,500

LANDIS BROS., INC.

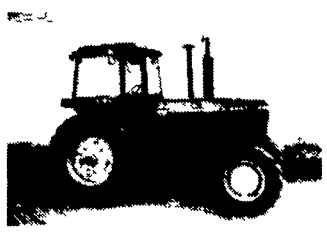
1305 Manheim Pike, Lancaster, PA 17601
Phone -717-291-1046



JD 4020
Powershift, good rubber, WFE, Solid
$6,500



JD 3020
Diesel, powershift, 200 hrs., extra nice
$5,900



JD 4440
QR, cab, 4WD, dual hyd., lift assist, clean
$16,500

JD 4430
Powershift, cab, dual hyd. diff-lock, sharp
$12,900

OTHER TRACTORS

JD 4440 Powershift	$19,500
JD 4320 WFE	$7,500
JD 4630 Powershift	$9,800
JD 4020 NF	$4,900
JD 730 Nice	$2,500
JD 720 WFE	$1,900

717-532-8926
Can Finance - No Sunday Calls

NEW HOLLAND

NEW EQUIPMENT SPECIALS

JOHN DEERE

	List Price	Sale Price
JD 1600 Plow 4B 16" Spring Reset	$6,485	$5,200
JD 215 Door Cushion 12'10" Disc Harrow	$8,895	$6,700
JD 337 Baler	$9,850	$7,900
NH 316 Baler w/70 Thrower	$12,840	$9,995
JD 215 Grain Platform	$6,100	$3,700
JD 8250 Grain Drill 14x7 w/Fert. & Grass Seed Attach., Dbl. Z/Z Discs	$5,200	$4,400
JD 8300 Grain Drill 18x7 Plain w/Grass Seed Attach. Dbl. Z/Z Discs	$5,010	$4,600
NH 451 Loader, Rental Unit, Low Hrs.		$14,500
JD 950 Roll Harrow 12'	$6,025	$4,500
NH #30 Forage Blowers	$3,500	$2,799

Special Discounts on 15 FMC Sprayers In Stock

USED EQUIPMENT

MF 760 Combine w/4 Row Wide 6 RN & 17' Grain Platform	$28,000
JD 4230 Tractor, New Engine, PS, Excellent Condition.	$13,500
JD 6600 Sidehill w/643 Corn Head 1978	$37,000
JD 2510 Tractor, New Engine, WF.	$7,500
JD 215 Flex Grain Platform, 1 yr. old	$7,500
JD 38 Forage Harvester	$3,000
JD 3800 Forage Harvester	$4,500
NH 890 Forage Harvester w/2 RW Head	$3,800
NH 717 Forage Harvester w/2 Row Head	$1,800
JD Model F145 Mol Board Plow, good shape.	$2,800
JD Model 2440 60 PTO HP, painted, New Tires, Dual Remote Control, Nice	$9,500
JD 7720 4WD w/6RN Head, 15' Flex Platform	
NH 354 Grinder Mixer	$3,200
IHC 484 40 PTO HP Tractor, Diesel, Low Hrs.	$7,850

Good Selection of New & Used Balers, Haybines & Rakes
We Also Have Many New & Used Lawn & Garden Tractors
Above Prices Do Not Include Delivery; Some Trades Will Be Considered.

M.S. YEARSLEY & SONS, INC.

KUBOTA

WOODS ROTARY MOWERS

110-120 E. Market Street
West Chester, Pa. 19380
215-696-2990

FMC

SMITH'S IMPLEMENTS, INC.

Mercersburg, PA **717-328-2244**

New Machine Special
2950 Cab Tractor

JOHN DEERE

USED EQUIPMENT

JD 830 Tractor w/48 Loader, engine overhauled
IH 400 Cyclo 6 Row Planter w/No-Till Attach., Liq. Fert., Insect. Attach., Monitor, Excellent Condition $3,900
Reduced to $3,200
IH 400 Cyclo 4 Row Planter w/No-Till Attach., Dry Fert., Insect. Attach., Monitor $2,500
Reduced to $2,000
JD 7000 4 Row Planter w/No-Till Attach., Dry Fert., Auger Quick Fill, Insect. Attach., Monitor, Hyd. Markers
NH 1880 SP Forage Harvester, New Cat Engine w/2 Row Wide Head, 3 RN Head, PU Head, Excellent Shape
NH Flail Chopper, Excellent Condition
NH 495 12' Mower Conditioner, Excellent Condition

Call About Our Large Selection Of Drills, Discs, and Other Machinery

USED EQUIPMENT

White 2-85 diesel tractor, $14,000
Oliver 660 tractor, $1,000
NH 285 Baler
NH 276 Baler w/thrower, $5,000
Used NH 1495 Self Propelled Haybine, gas engine, hydrostatic drive, air cond, $16,000
Hesston 1090 Haybine, $2,500
Gehl Haybine, $800
PT10 Hesston Haybine, $1,200
MF 70 Combine, 10' Grain Head, $1,000
Oliver 525 Combine, 2 Heads, $5,000
White 8600 Combine, 500 Hrs., $22,000
Gehl 800 forage harvester, 2 heads $4,000
NH 770 forage harvester, 2 heads, $3,500
JD #6 forage harvester, $500
Lamco Self Unloading Wagon, $1,000

NEW EQUIPMENT

NH TR 75 Combine, Cat. diesel, air conditioning, hydrostatic drive, $45,000
Fahr 17' Hay Tedder, $2,600

FARNSWORTH FARM SUPPLY

103 Cemetary Street
Hughesville, PA 17737
717-584-2106

USED EQUIPMENT

★ Extra Special Cash Allowance on Most Used Equip. In Stock!

TRACTORS:
IH Farmall "C"
Farmall Super MTA
IH 674 Diesel, overhauled, Painted--20% Cash Discount
IH 806 Diesel, WF, 3 Pt., Turbo – $6895
Farmall Super C w/Fast Hitch & Cult.
AC Model "G" w/cult, Plow, Sickle Bar-Real Nice, $1,800--Now--$1,300!
Farmall 400
Int. F12 w/cult
IH 450 Gas, wide Front – $1,950
IH 404 Gas Low Utility, 3 pt. Hitch, w/72" Mott Mower, Engine Overhauled
MF 65 Diesel Utility
MF 33 w/3 pt. Hitch
IH 240 w/Fast Hitch
Oliver 550 Gas Utility
JD "M" Wide Front w/Loader, Real Nice – $1,800

OUTDOOR POWER EQUIP.
IH 149 w/42" Mower
IH 1250 w/Mower
IH 1282 w/42" Mower
IH 1650 w/Mower
Cub Cadet 108 w/Mower
Cub Cadet 106
(2) Cub Cadet 105's w/mowers
Model 7016 Simplicity w/42" Mower-Nice Shape!
Cub LoBoy w/Mower Ex. Cond.
184 w/60" SOLD Ex. Cond.
1820 Grass Hopper w/52" Mower
Toro Model 58 Professional Reel Mower – $475
JD 210 w/Mower
AC Big 10 w/Mower
Ford 165 w/Mower-Real Nice
Wheel Horse A800 w/Mower

COMBINES:
JD 6620 Diesel Hydro, 1980 Ex. Cond.
715 Diesel Hydro, Air Cond., w/13' Floating Cutter Bar and 744 Cornhead
AC FKS Diesel 4-Row Narrow Cornhead, 13' Platform, Nice Shape!
810 13' Cutter Bar, Like New
IH 430 WN 30" Cornhead
IH 315 Hydro w/12' Platform, Field Ready, w/PU Wheel & Hyd. Lift
IH 227 Cornhead, fits 315, 205 or 203
Set of Tires & Rims for 1420 Combine - 23x134 Rice tires

PLANTERS:
JD 1250, 6-Row, Dry Fert., Nice Shape!
IH 2-Row Fast Hitch
IH 455 4-Row
IH 456 4-Row, Nice Shape!
IH 658 6-Row Narrow Dry Fert
4 & 6 Row Cyclos, Field Ready!
JD 1240 Plateless, Liq. Fert., 30" Rows w/DEMCO Squeeze Pump--Nice!
JD Van Brunt 13x7
JD 15x7 Drill, DD, Comb.
IH 510, 16x7 Comb. Drill w/2 Grass Seed Boxes
IH Fast Hitch, 2 Row Cult., Like New

HAY & FORAGE:
Int. 56 Blower, Rebuilt
IH No 51 Forage Wagon
NH No. 26 Blower
NH No. 27 Blower (Whirl-a-Feed)
Gehl FBB 88 Blower
Gehl 99 Hi-Throw Blower, nice!
550 IH Chopper (Parts)
1014 Hesston Mower Cond
NH 256 Rake
NH 69 Baler w/o Thrower
IH 420 Baler w/o Thrower
(2) IH No Bale Throwers
5026 Elec. Wheel, 8 ton Gears
IH Direct Cut Head For 15 or 16 Chopper

TILLAGE:
Athens 11 Ft. Chisel Plow, 3 pt. Hitch
JD 950 12' Packer Mulcher, Real Nice!
Brillion 16' Single Packer, Like New
Brillion 10' Packer Mulcher
Bush Hog 10' 3 pt Hitch Chisel Plow, Like New!
Pittsburg 11'6" Disk
JD KBA Disk, 9' – $750
JD KBA 12' Disk
JD 1710A 12' Trailing Mulch-Tiller
IH 37, 35 In Various Sizes
IH 540 4-Bottom Semi Mtd Plow
IH 645 Vibra Chisel, 13½', Trailing
IH 315 12'4 Packer Mulcher
1-Bot. Trailing Plow
Vicon 10' Power Harrow – Was $2,500 – Now $1,800

MATERIALS HANDLING:
Front Mtd. Forklift for 20 Series JD Tractor
Farmhand Loader for IH 74 Series Tractor
MF 711 Skid Loader w/Bucket
IH 2000 Loader, Less Bucket, Mount for IH 275
NH 355 Grinder Mixer, Real Nice!

IH PARTS COMBINES:
IH 315 Hydro & Plat.
IH 315 Gear & Plat.
IH 403 Gear, 4R Wide Hd. & 12 Ft. Plat.
IH 227 Cornhead

MISCELLANEOUS:
McCurdy 20' Trailing Harrogator – $1,300
SIMMS Cab & Roll Bar Enclosure for 574 Series Tractor – $750
ARPS 3 pt. 78" Snowblower
New Midwest 9' Grain Body For Truck, – $1,350!
Athens 15' Bat Wing Mower (In Stock) – $9,625
Vicon 281 Mower Cond.-Extra Special Price!

See Us For All Your Equipment Needs

★ Butler Livestock Systems
★ DeLaval
★ Roskamp Roller Mills
★ Deutsch-Fahr Tedders
★ Vicon Spreaders
★ Myers Snow Equipment
★ Farm Bilt Hay Wagons
★ Sprayer Parts headquarters
★ John Blue Sprayers
★ FMC Bean
★ Brouwer Turf Equip.
★ Grasshopper Mowers
★ Myers Forage Wagons
★ Hedlund Martin
★ Madison Silos
★ Ag Chem Sprayers & Parts
★ Northwestern Skid Loaders
★ Woods Mowers, Blades & Backhoes
★ Trailblazer Foam Markers

Extra, Extra Special Cash Deal & Financing Options Available On All Case International Equipment In Stock

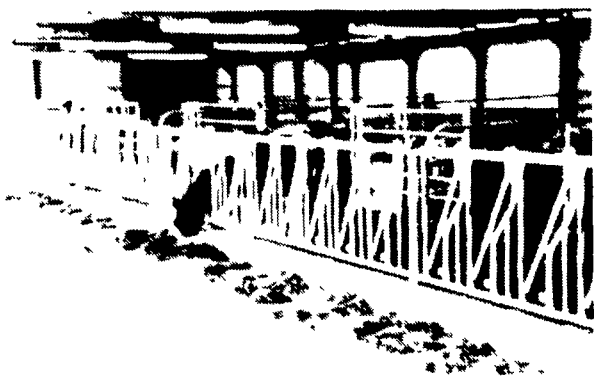
ERB & HENRY EQUIP., INC.

CASE IH

New Berlinville, Pa. 19545 215-367-2169 Daily 7-5:30; Sat. 7-3

VISIT US AT AG PROGRESS DAYS
In The Corner Of THE BADGER DISPLAY

OUR SPECIALTIES
Tie-Stalls (all kinds)
Free Stalls (all kinds)
Lever Rows
(self locking and Manual)
Gates (Custom made)
Paneling and Pens
Gutter Grates
Water Bowls
Columns



Show Ease Products will also be on display in the Agri-Inc. and Triple H Construction Displays.

DID YOU KNOW?

We Have Many Bargains Resulting From Our Rental And Leasing Business. Stop In And Ask Us About Them.

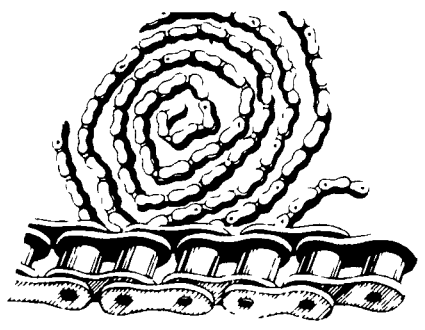
Show-Ease Stall Co.

JOHN E. KREIDER
573 Willow Road, Lancaster, Pa. 17601
PHONE: (717) 299-2536

case PARTS VALUE OF THE MONTH.

HARVEST OF VALUES

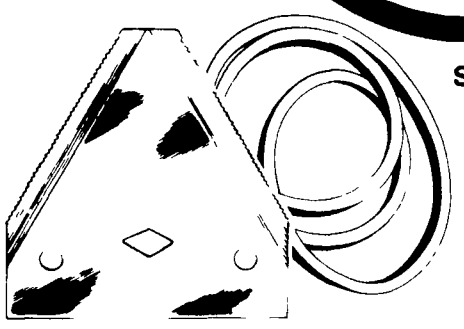
Shape up for harvest with Case International combine parts at low sale prices!



American made roller chain, 10-ft.
Now as low as **$20.83**

SAVE UP TO 19% off regular J I Case suggested list prices

Case International Diamond Sta-Sharp sections outlast ordinary sections three to four times
Now as low as
37¢



Separator drive belts
Check Our Low Prices!
case

case PARTSMART

ERB & HENRY EQUIP., INC.
New Berlinville, PA. 19545
Ph: (215) 367-2169
Daily 7-5:30; Sat. 7-3

HEDLUND MARTIN SCAVENGER II

Model S1263 Spreader, 251 Bu. Cap., Full Warranty
List ~~$8,250~~
SALE PRICE **$6,200**

For Sale: 1975 Mercedes Benz, 12' Stake Body, Rebuilt Engine w/30,000 Miles, CB and Radio. 32 Ft. Custom Built Gooseneck, Oak Flooring, Industrial Axles, 32,000 GVW, Flip Down Ramps In Rear.

215-944-0401

USED TRACTORS

JD 4630 cab & air
JD 4630 w/4 post roll guard
JD 4430, cab, air, quad range
JD 2040, like new, used 140 hrs.
JD 2020 w/loader
JD 2510
JD 2640 w/loader, like new
JD 2940, excellent cond.
JD 4320, cab & air
JD 2510 Gas
JD 830 Diesel
JD 4020 w/cab
IH 1086 cab & air
Int. 986 cab & air
IH 1066 w/cab
IH 966
IH 806
IH 766 w/cab
IH 656 utility w/loader
IH 666 gas
IH 84 hydro
Farmall Cub w/new Woods mower
Ford 3400 w/Loader
Ford 2000
Ford 1700, 200 hrs.
Ford 850
AC 210 diesel
AC 170
MF 205, 4WD
David Brown 1200
Satoh 4WD w/loader, used 200 hrs.
Kubota L305F diesel w/front wheel drive, like new

Case 580 Backhoe excellent condition

USED PLOWS

Int. 5 btm. 18" spring reset plow
White 5 btm. 18" spring reset plow

INT. 140 4 BTM. 18" ROLLOVER PLOW

GRINDERS & MIXERS

Gehl 120
Gehl 95
IH 1150 $1,450.

USED COMBINES

MF 410 hydro.
444 JD corn heads
443 & 643 corn heads
JD 3300 combine
1975 JD 4400 diesel
JD 4400 Diesel 1977
JD 7700 diesel
Large selection of JD 2, 3, 4 & 6 row corn heads

USED PLANTERS

JD 7000 4 row Dry fertilizer
JD 7000 6 row no till

USED HARVESTERS

Fox 2 row snapper head
Used Moridge grain dryer
Late Model NI 702 uni tractor
Fox Custom 90

HAY EQUIPMENT

NH 472 haybine
NH 489 haybine
JD 1207 haybine
Gehl 1090 haybine
IH 990 haybine
NH 310 w/thrower
Gehl 1500 Round baler
Large selection of hay rakes
M-C 7' rotary sythe, used on 100 acres
Large selection of used rakes
NH 275 baler w/kicker
NH 1032 Stacker Bale Wagon
NH 1010 Stacker Bale Wagon

New Farmhand grinder blower

MISCELLANEOUS

Int. 510 grain drill
JD 7 btm., on land hitch, hydraulic reset plow
JD 30 ft. Implement Trailer
Large selection of smaller discs
Danco hydraulic rear unloading silage wagon on tandem running gear
New Farmhand loaders for IH and JD tractors
NI 2 row wide pull type corn picker w/12 roll husking bed, excellent
Kewanee hydraulic fold 18' disc
1977 GMC 6500 w/new 16' grain body & hoist
Big V snow plow 12' wide

New Badger 16' Forage Wagon,
3 Beaters w/Roof on Tandem Running Gear
1983 Price

D & R EQUIPMENT INC.
Ringoes, New Jersey (201) 782-5082

1 FARM EQUIPMENT

JD 3960 Harvester w/elec. controls, hydraulic tongue positioner, 2RN head, $7,900/Offer. Also alvailable, 7' pickup head.
703-786-8572

(2) 510 MF combines diesel, hydrostatic drive w/grain head, also corn heads available.
J & L Equipment
717-369-2637

1981 International 3588, 4WD, cab, air conditioning, triple remotes w/International Model 700, 6x16 plow. Complete and field ready. Good condition, $17,800
814-354-2840

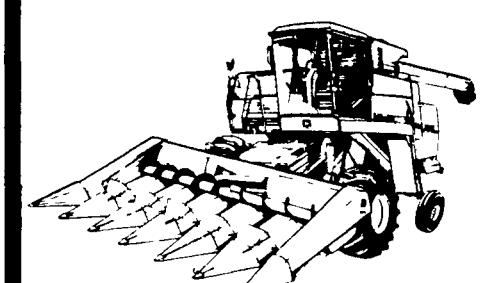
The Long Green Line™

SPECIAL OFFER:

GET THIS NEW EQUIPMENT NOW...NO FINANCE CHARGES UNTIL 1 Sept. '86

If you feed
SILAGE... HAYLAGE... STALKLAGE
John Deere has your feedmaker

AUTOMATIC LEVELING



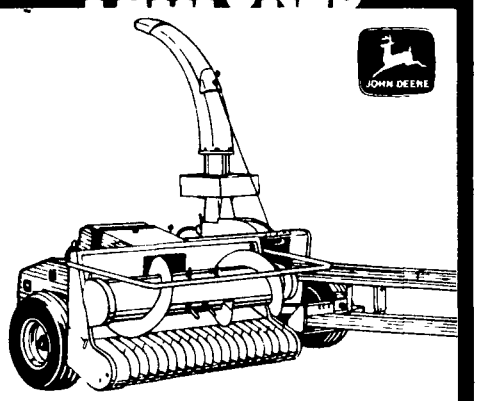
You don't need to slow down to prevent crop loss with a SideHill 6620 Titan II

Maintain speed Maintain efficient crop gathering Maintain efficient separation It's all possible with this unique Titan II the most productive sidehill combine that John Deere has ever made Leveling is automatic on slopes up to 18 percent, the 6620's separator operates on the level

The Harvest-Flo™ cleaning system incorporates a longer taster chaffer and sieve for more aggressive crop movement and a larger cleaning shoe area And an engine-powered reverser lets you back out plugs in the feeder house or header with engine power

Stop by and see us today We'll give you all the facts on the SideHill 6620 Titan II Combine And we'll give it to you on the level

EXCLUSIVE FEATURES



John Deere 3950 Powr-Mizer Forage Harvester lets you get all the yield from your field

The John Deere 3950 Powr-Mizer Forage Harvester has the exclusive features you need to get more of your crop into the wagon and silo

Exclusive Spout-Trak™ aiming control locks in on the trailing wagon around turns and down crooked rows Exclusive Row Trak™ guidance system keeps the row unit centered on rows through turns and around contours

The Iron-Gard™ metal detector helps protect your cutterhead and livestock from ingesting harmful metal And the famous segmented knife Dura-Drum™ cutterhead provides a clean uniform cut Stop in soon for details

USED EQUIPMENT SPECIALS

- IH 464 Utility Tractor, very good condition
- IH 1586 Tractor w/cab, air, radio & duals
- Kubota 16 h.p. diesel Tractor w/mower
- AC 540 hydrostatic loader, very good condition
- JD 4440 Tractor w/sound guard, quad range trans.
- JD 4440 Tractor w/4 post roll guard, power shift
- JD 2630 Utility tractor
- JD 650 Tractor w/Mower, reposs
- JD7720 Combine, very clean, low hrs.
- JD 6620 Side Hill Combine, reposs
- JD 6600 Combine, good condition
- Fox 6650 Self Propelled Forage Harvester w/power rear drive
- NH 770 Forage Harvester w/heads
- NH 479 Mower Conditioner
- NI Cut-ditioner
- JD 1209 Mower Conditioner
- NH 791 Manure Spreader w/endgate

OXFORD GREENLINE

1100 Limestone Rd., Oxford, Pa.
215-932-2753
Mon -Fri. 7:30-5; Sat. 7.30-12
Other hours by appointment

Dismantling Combines for parts over 400 all makes and models Call before you come.

IH: 915, 815, 315, 205, 203, 503, 403, 303, 93, 91, 151, 101, 141, 127, 125, 82, 76, 74. JD. 6600, 105, 95, 55, 45, 40, 30, 25, 12A. MF: 510, 410, 300, 35, 92, 82, 72, 90, 80, 70, 60, 27, 26. AC: Gleaner, L, M, K, G, E, C, C2, A, 60, 66. Oliver: 545, 535, 430, 40, 35, 33, pull type. NI: Uni, 705, 702, 701, Combine shellers & harvesters Ford: 622, 630, pull type. Case 960, 660, 600. NH: 975, 985. NM: 5297, MM Uni, White 8600.

CORN HEADS

MF 43, 4R, 30" for 510 or 410
IH 733 3R 30" for 615 or 303
MF 421 4R 30" for 410 old style
AC 435 4R 38" for G
IH 744 4R 38" for 915
AC E330 3R 30" for E
AC KL 238 2R 38" for K
4 MF 24 2R 38" for 300 quick tach
MF 321 3R 30" for old style 300 or 410
IH 724 2R 38" for 615 or 303
AC 438 4R 38" for L or M
IH 328 WN 3R 30" for 615 or 303
NH 924 4R 38" for 975
JD 234 2R 38" for 40 or 45
IH 227 2R 38" for 91, 203, 205 or 315
IH 733 3R 30" for 815
NI 2R 38" for 701
IH 744 4R 38" for 815
Case 2R 38" for 600, 660 or 960
Case 3R 30" for 600, 660 or 960
Oliver 2R for 525
IH 6R 30" for 505
AC 4R 38" for C2 or C

GRAIN HEADS

NH 13' for 985
JD 8' for 40
IH 8, 10 & 13' for 91, 203, 205 or 315
Gleaner 13' for K
Gleaner 13' & 10' for E
Case 12 & 10' for 600, 660 or 960
IH 12' for 815
JD 12' for 3300, 4400 or 6600
Massey 12' for 82 or 92
Massey 10' for 72 or 82
IH 12' for 915

COMBINES

IH 105 w/8 or 10' head
JD 45 w/10' grain & 2R corn
Gleaner E w/cab & grain & 2R corn
Massey 410 Dsl, cab, air, quick tach w/grain & 4R 30" heads SOLD
1976 Massey 750 hydro. dsl w/heads
IH 915 Diesel Turbo, hyd w/13' grain, 4R corn or 6R corn
IH 93 w/10' grain
IH 80 pull type PTO bin $1450
Massey 35, self propelled, 8' cut, real nice
MF 750 D, hydro & grain head $12,500.00
IH 815 Diesel Hydro 4 row 30", 4 row 38" & grain $9,850
MF 410 Quick tach w/grain head 4 Row 30 & 38" Corn Head
IH 403 hydro, 4 row 30" and 13' grain $5,500
IH 76 PTO 7' pull type $475
MF 7[illegible]' Head $1,2[illegible] SOLD
IH 80 pull type Auger feed $950
JD 6600 Gas w/grain head $9,000
Gleaner C2 diesel w/c[illegible]ain and 4 row corn $4,500 SOLD
AC Gleaner G w/4 row corn, $6,950
Gleaner A w/grain head $2,000
Gleaner E3 cab, grain & 3 row 30" $6,000
JD 4400, cab & head $7,000
JD 4400 Diesel w/grain head, $9,875
Gleaner M Diesel w/grain head & 4 row corn head, $11,500
IH 80 7' pull type auger feed, $875
MF 510 Diesel w/Quick Tach, grain head $5950
Massey 8[illegible]12' grain & ca[illegible]2,000 SOLD
IH 82 pull type, auger feed, PTO $1,475

TRACTORS

IH 560D, needs clutch or torque
IH 460 gas wide front
Farmall 300 utility w/fast hitch & live PTO
Ford 6000 Diesel $2475
Massey Pony Pacer w/1R cult. & 1 btm. plow $1485
Farmall 200 w/fast hitch & loader w/hyd. bucket, $2,000
MM model U tractor
IH 300 Utility w/loader
Massey 44D w/WF & loader
Farmall C w/blade & mower
AC D19 Diesel w/WF
Case 400 Diesel
Ferg. 30 w/3 pt.
Farmall M Diesel $975
Farmall 560 Diesel $2850
Farmall BN w/hyd $875
Ford 900, P/S, real clean
AC D17 Diesel snap coupler
IH 3444 Diesel backhoe w/2 in 1 bucket
AC 6040 diesel 3 pt
Ferguson 30
IH 560 diesel, looks nice
JD 730 Diesel, PS, WF, 3 pt.

PICKERS

2 Super M Farmalls w/2R mtd NI 305 pickers
NI #310 1R picker
Case 2R mtd. off of IH 400
Massey 2R mtd off of 333
(4) NI #7 Pickers
(2) Woods 1 Row

MISC.

Hesston self-propelled haybine w/hyd & cab
Hesston hydro-swing windrower 12' cut
NI Cut/ditioner tandem unloading wagon
IH 650 Harvester w/2R, 30" & pickup
JD 38 Harvester w/2R, 38" & pickup
Oliver #5 picker $950.00
JD 47 Loader fits 2510, 1020 & 2020
Ferg loader w/hyd bucket & front pump $650
AC 720 harvester 2R & 30" head & hay pickup $950
JD 34 Harvester 1R corn & hay pickup $875
NH 469 Haybine, $1475
12 Tooth Trailer type chisel plow
JD 210 wheel disc, like new
Ford 3 pt disc, $475
JD 16' wheel harrow $1475
30 plows from 2 to 7 bottom
2 IH 10' wheel discs
NH 461 haybine $950
IH 315 14' cultimulcher
7 & 8' drag discs, $100 & up
IH 10 double disc grain drill, nice
35' Hay Trailer w/rack, $1,250
Tandem Wheel 26' bale wagon
2-3 pt. cultivators
3 pt rotary cutter
NH 354 Grinder mixer, real clean, $3000
AC 14' wheel disc $1275
NI 213 3 beater spreader
NI 12' flail mower
1 & 2 row corn pickers
IH 370 11 ft. Wheel Disk
Badger Tandem wheel 3 beater w/roof forage wagon
Sickle bar mowers, $100 & up
Balers with throwers & without, $300 & up

RUNNING MOTORS TO FIT

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White 2-105D
Ford 5,000G
Farmall M, H, C, 404, 300, A, BN
AC D17G, B, A, CA

WIDE FRONT

Oliver 88
Farmall M & H

DISMANTLING TRACTORS FOR PARTS
Harvesters and Corn Heads for Parts

IH: 1256, 666 Hydro, 806, 660, 560, 504, 404, 460, 450, 400, 350, 300, 340, 240, MTA, M, H, C, BN, A, Cub, F30, F20, F14, F12. JD: 4010, 3010, 2010, 70, 60, 50, A, B. AC: 180, D17, WD, WC, CA, C, B. MF: 1155, 90, 85, 444, 333, 44, 33, 30, 20 Case: 300, DC, SC, VAC. Ford: 6000, 4000D, 860, 800, 8N, 9N. Oliver 88, 77, 70, 60. Crawler: D2 Cat & Oliver

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1 FARM EQUIPMENT

AC 200 Tractor
AC 185 Dsl
AC CA Tractor w/ Cultivator
AC D17 Dsl. Tractor
Farmall 300 Tractor
NH 479 Haybine
NH 469 Haybine, 9'
NI 213 Spreader
OMC 216 Mower Conditioner, 9'
OMC Model 235 Swing Tongue 12' Mower Conditioner
OMC Model 420 Mixer Mill (2 ton)
OMC 540 Staker & Mover
Case 10' Pull Type PT Chisel Plow
JD 12' 3 Sec. Harrow
8C Hydra-Mac Skid Loader
NI Model 702 Dsl. Power Unit
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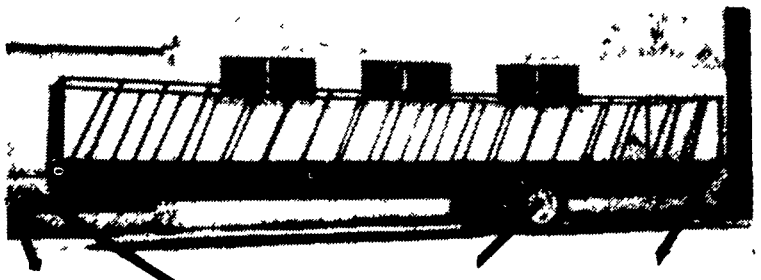

Hitch — Slide away hitch to prevent cattle from injury
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* Length 24' & 30' + hitch
* Cattle can eat out of all 4 sides
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* Suitable for feeding cows, heifers, steers etc.
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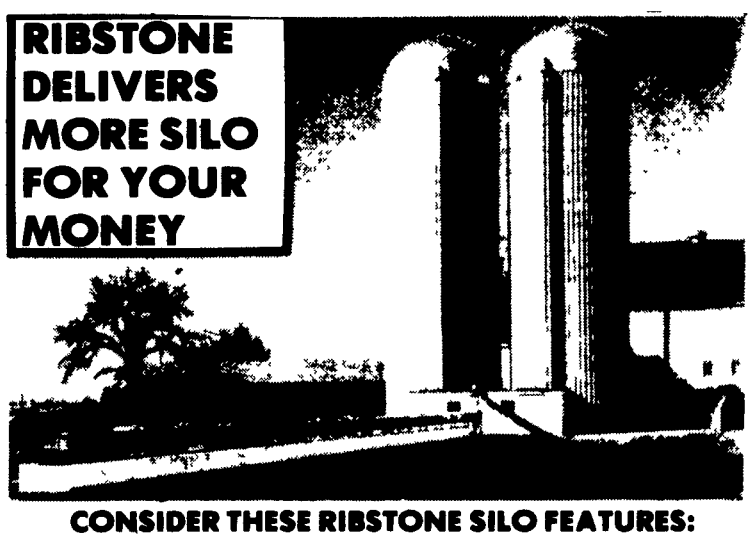

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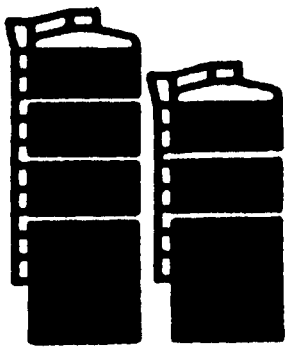

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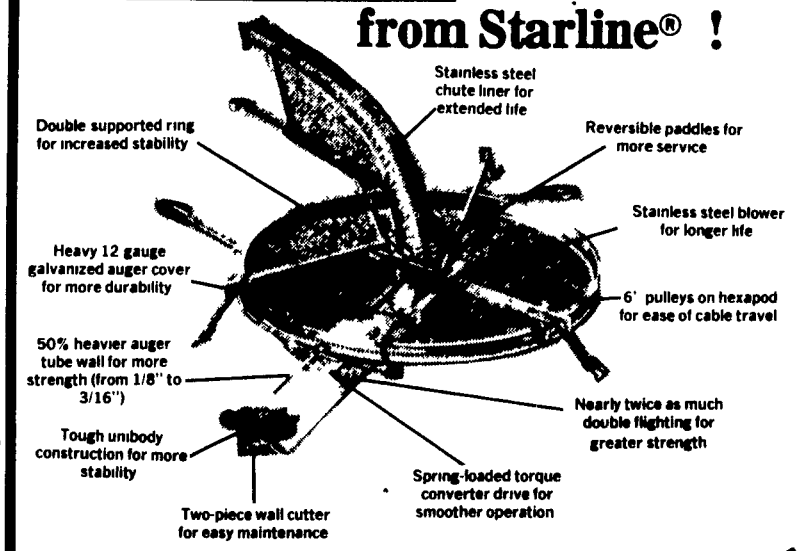
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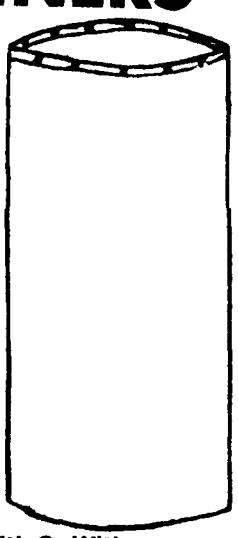

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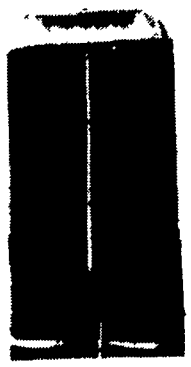

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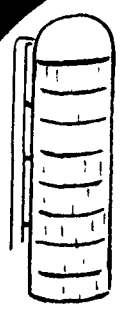
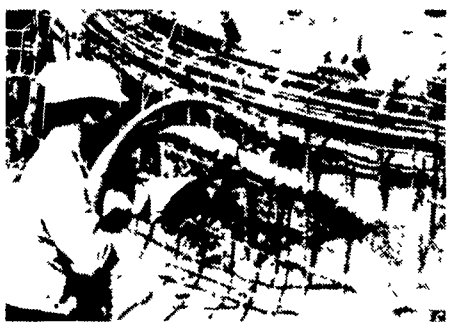


ATTENTION FARMERS
Strengthen And Reseal Your Silo With Shotcrete

S & S Silo Service Has Experience
Over 160 Silos Have Been Relined With Shotcrete



S&S Silo Service prepares the silo surface by using a 3,000 lb. pressure washer, thus making the silo moist, making a much better surface to bond shotcrete. After shotcreting, S&S always takes away any roughness by applying a steel trowel finish.

The excellent bonding of shotcrete to the silo will keep out moisture and prevent mold from growing on the side of the silo.

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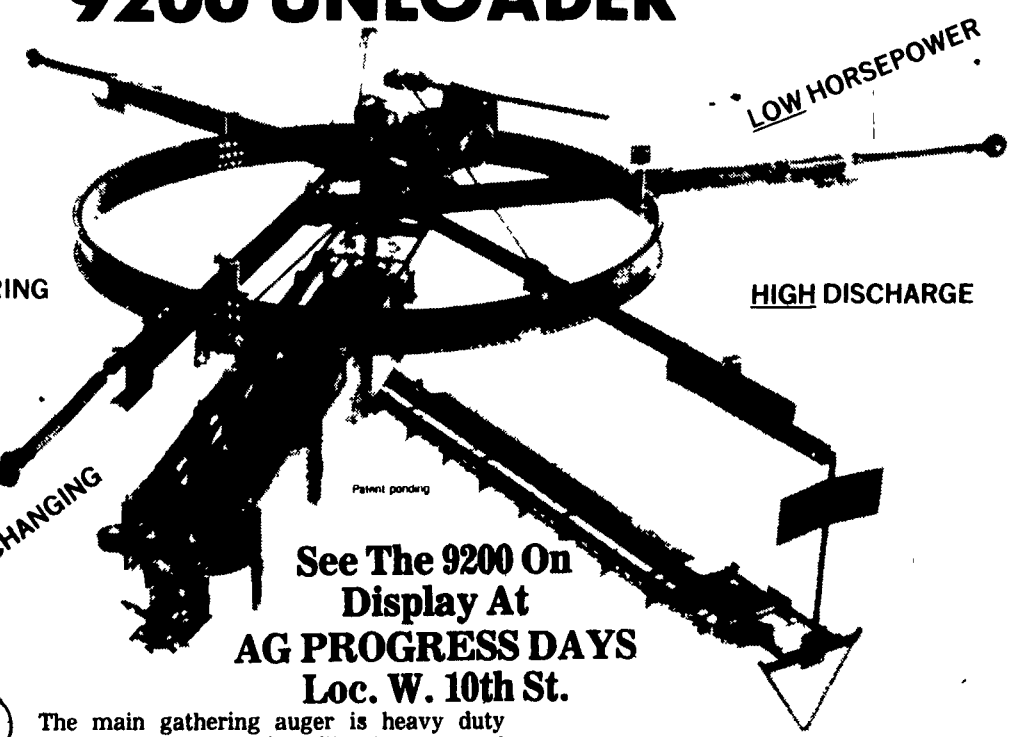
9200 UNLOADER

NO BLOWER
LOW HORSEPOWER
NO COLLECTOR RING
HIGH DISCHARGE
NO DOOR CHANGING



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SILO UNLOADERS
Silo-Matic®
FEEDING SYSTEMS

The main gathering auger is heavy duty 16" diameter, with 5/16" flighting mounted on a 4" tube. The auger has adjustable front and rear 14 gau. galvanized shields, for maximum capacity. The auger is powered by a 60 lb. gearbox which brings forage to the center for the delivery chain.

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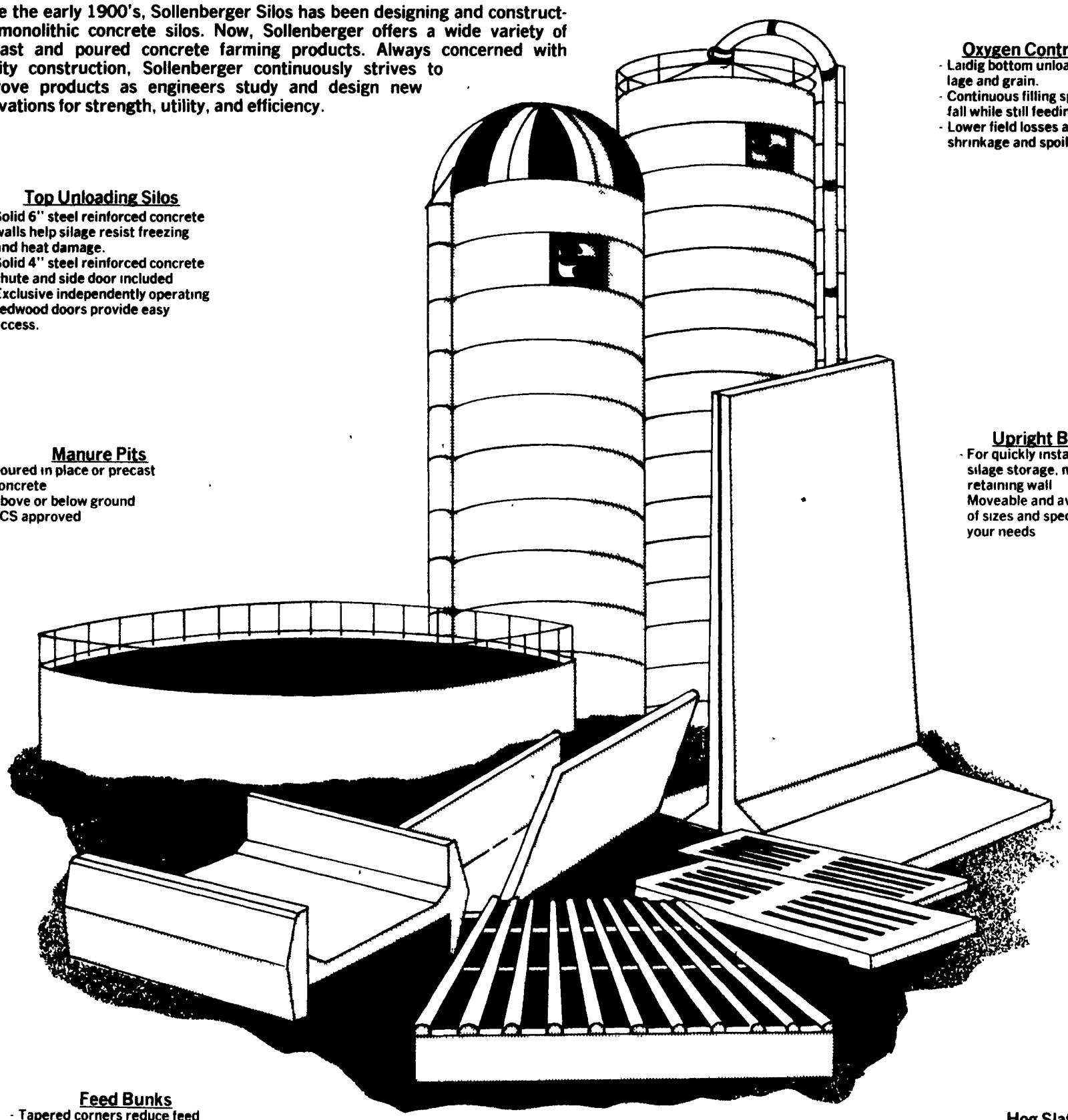
Since the early 1900's, Sollenberger Silos has been designing and constructing monolithic concrete silos. Now, Sollenberger offers a wide variety of precast and poured concrete farming products. Always concerned with quality construction, Sollenberger continuously strives to improve products as engineers study and design new innovations for strength, utility, and efficiency.



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- Solid 6" steel reinforced concrete walls help silage resist freezing and heat damage.
- Solid 4" steel reinforced concrete chute and side door included
- Exclusive independently operating redwood doors provide easy access.

Oxygen Controller Silos
- Laidig bottom unloaders for haylage and grain.
- Continuous filling spring through fall while still feeding daily.
- Lower field losses and reduced shrinkage and spoilage

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- Poured in place or precast concrete
  Above or below ground
  SCS approved

Upright Bunker Silos
- For quickly installed, economical silage storage, manure storage, or retaining wall
  Moveable and available in number of sizes and special units to meet your needs

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- Maintenance free convenience while providing protection for livestock
  5,000 P.S.I. concrete supports heavy machinery and truckloads
  Available in 12 ft and 16 ft lengths.

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Used - Good Shape -
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$8,450

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Address _____ Co. _____

City _____ State _____ Zip _____

Phone _____ Best Time To Call _____

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A Nitterhouse Company

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- Cattle Guards - 12', 14' & 16'
- H & J Feed Bunks

- Patz Manure & Feed Handling Equipment
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Deluxe 6000 bushel Butler grain drying bin, 4 years old, excellent condition. Best Reasonable Offer. 301-733-7281

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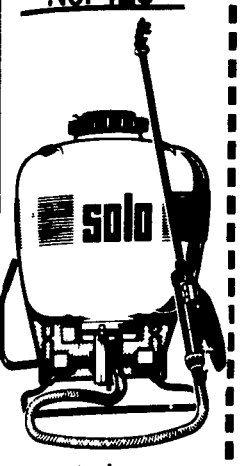
See What They Are Like.
"We Are Proud Of What We Do"

5 GRAIN EQUIPMENT

SOLO JET PACK SPRAYERS No. 425



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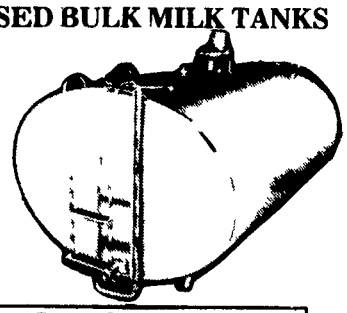

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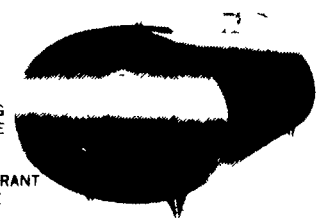

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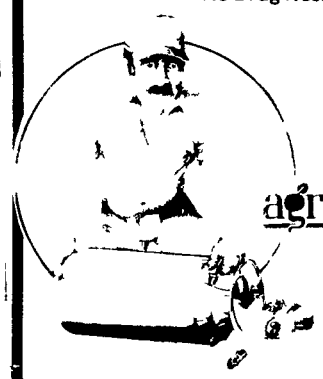

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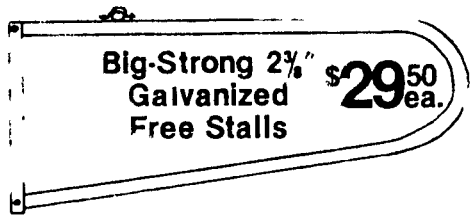

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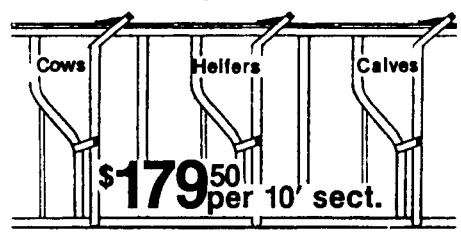

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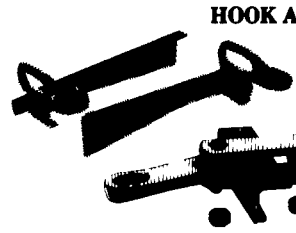

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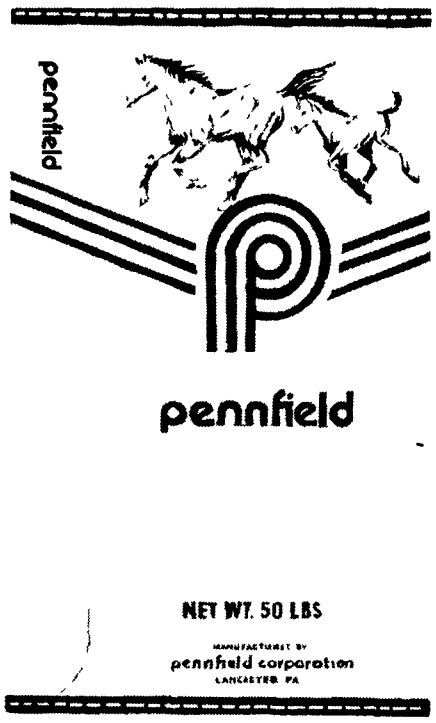

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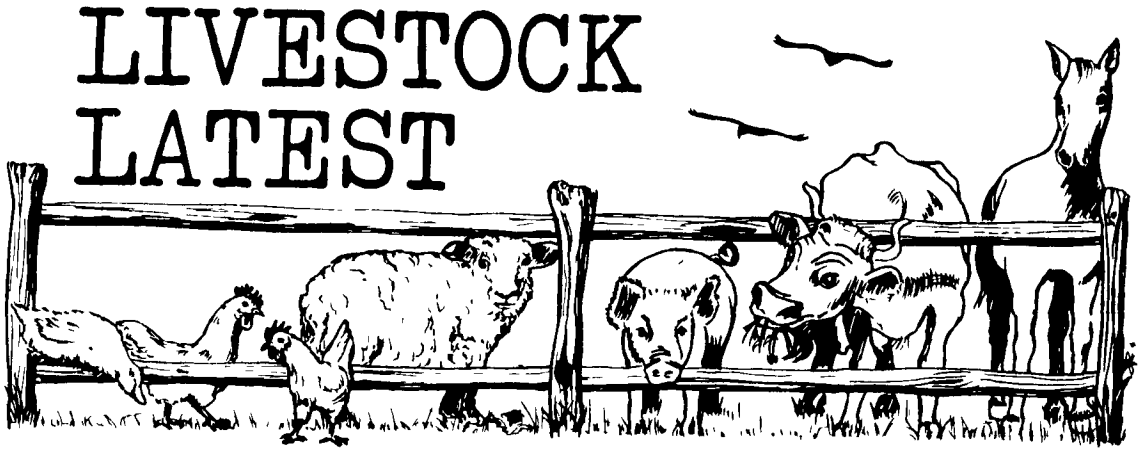


Pork Prose

by
Kenneth B. Kephart
Extension Swine Specialist
Pennsylvania State
University

Self-Feeding Systems

Most growing-finishing hogs in this country eat out of self-feeders. Feeders come in a variety of shapes and sizes, but typically they have a hopper, a hog-operated agitator and several troughs or "holes" where the hog gets his feed. A few years ago Chore-Time came up with the concept of feeding hogs "meals" on a timed schedule and developed a new feeder around that idea. Still another way to feed hogs is the liquid method–nothing new, but it seems to be gaining popularity in some confinement operations.

How do these feeders and feeding methods stack up? Let's take a look.

Several experiments comparing Chore-Time and conventional feeders have been conducted at Kansas State. In the first series of trials using 480 hogs, performance was identical.

	Chore-Time	Conventional
Feed Intk,lbs/day	5.69	5.70
ADG,lbs/day	1.63	1.64
Feed/Gain	3.50	3.49

Water consumption seems to favor the Chore-Time group since they consumed only 1.1 gallons of water per day compared to about 3.1 gallons for the pigs on conventional feeders. Why the difference? The trial in which water intake was measured was conducted in the summer. So pigs on the conventional feeders probably wasted some water from their nipple waterers. Pigs on the Chore-Time feeders don't have access to water 24 hours a day, which limits wastage.

Did the feeders affect the carcass? Loin eye area, carcass length and percent muscle were the same in both groups. But average backfat thickness was .2 higher in pigs on conventional feeders. That one's a little hard to explain since there were no differences in feed intake.

In another series of trials at Kansas State, three feeding systems were put to the test–Chore-Time, a conventional feeder and a special feeder with nipple waterers to moisten the feed. As with the first experiments, there was no difference between the Chore-Time and conventional feeders. But pigs on the wet feeder consumed more feed. That resulted in growth rates five percent better than with the other two systems.

Kansas State also has compared two types of conventional feeders–rectangular (Pride of the Farm) and oval (Osborne). Pigs on the rectangular feeders grew a little faster and were about five percent more efficient.

What about liquid feeders? Studies show that pigs will consume more feed (dry matter basis) on the liquid systems. You can expect this to translate into faster gains. But unless feed intake is restricted somewhat, pigs are usually no more efficient than those on a conventional feeder.

What about feed wastage–are any feeders better than others? There can be some minor differences. But a practical rule of thumb is that if you see feed wastage, you'd better check the adjustment before you blame the feeder. Research at Kentucky shows that by keeping the agitator slot between ¾ inch and 1¼ inches, feed intake and growth rate will be mazimized without wasting feed. Adjust the slot to less that ¾ inch and you'll sacrifice performance. Slot widths over 1¼ inches will not improve feed intake but may result in significant feed wastage.

In you're in the market for a new feeding system, what kind of feeder is the best buy? Hog performance is about the same across all types, so price should pay a big part in your decision. For example the liquid feeding system may be too expensive for a small operation, since it usually entails special mixers and computer controls.

Personal preference also means a lot. One selling point for the Chore-Time system is the quiet behavior of the pigs when they're not eating. That may have some merit.

And don't forget durability. If you're considering a feeder that you've never used, talk to somebody that has and find out if it lasts.

Correction

This week Lancaster Farming owns up, quite sheepishly, to an error that appeared on this page in the Aug. 10 issue.

Chester County sheep fanciers undoubtedly noticed that neither of the pictures appearing with the Chester County Market Lamb Show contained the proper people or animals. The two photos, in fact, appeared correctly with correspondent Sally Dunmire's story on page A30.

Herewith we include the proper pix for your inspection. Pictured above is exhibitor Nancy MacCauley with her grand champion lamb that went to Gerry Williams of Brandywine Savings and Loan for $3.25 per pound.

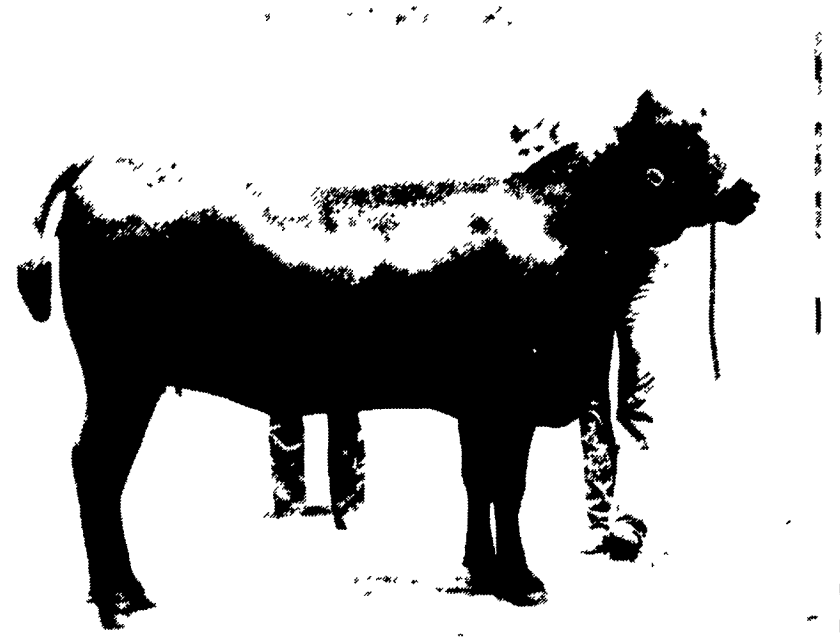
And below, we have reserve champion exhibitor Donna MacCauley with buyer Ira Hicks of Goshenview Farms.

SADDLE UP!

TO BETTER EQUIPMENT
Find It in Lancaster Farming's Classified Pages.

Angus Show Champs...

Dutchman, exhibited by Northcote Farm, Forest, Va., and Huntingdon Farm, Alexandria, Pa., took the senior champion and grand champion bull titles at the Virginia Angus Breeders Show, Harrisonburg. Phil Trowbridge, Corfu, NY, judged the 125-head show.



Reserve grand champion female honors at the New York Junior Angus Preview Show went to CLK Ida 284 shown by Donald Cairns of Parkesburg. Pictured with Cairns is show judge Bob Greaves, Arva, Ont. (Photos by American Angus Association.)

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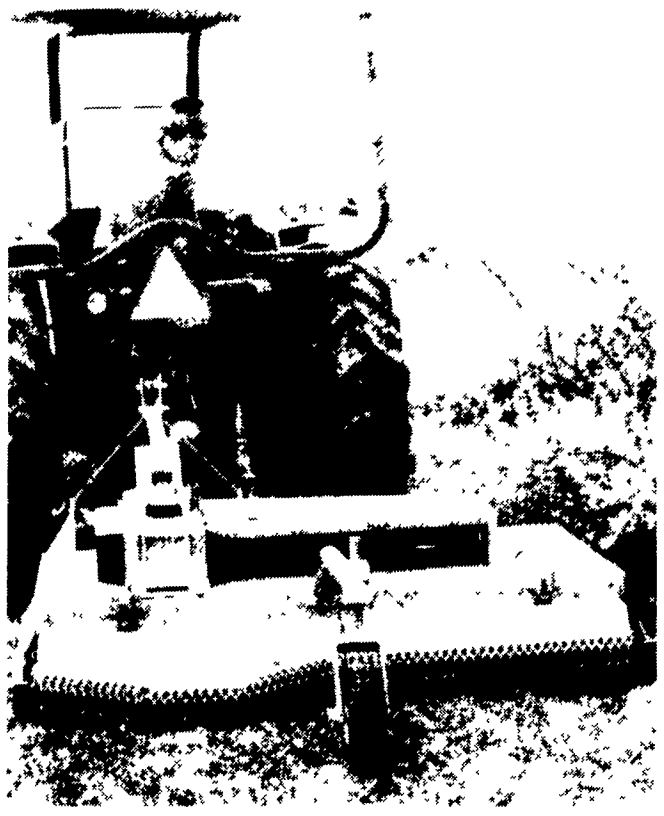

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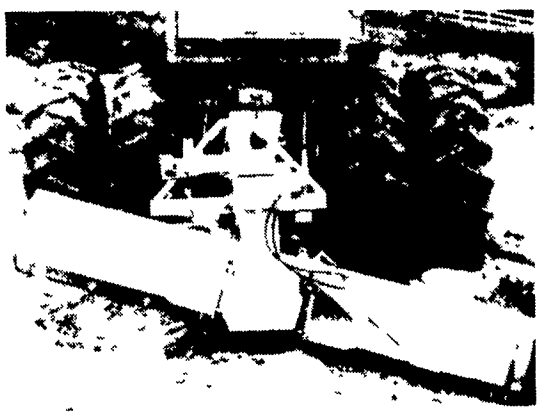

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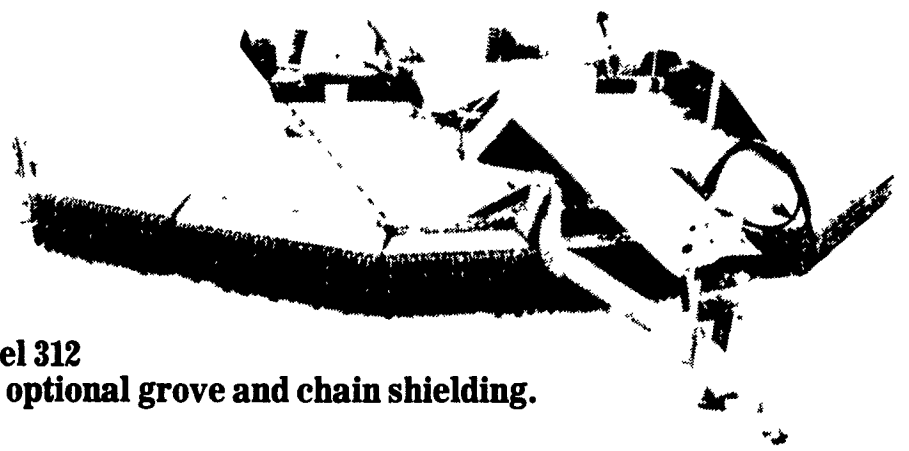

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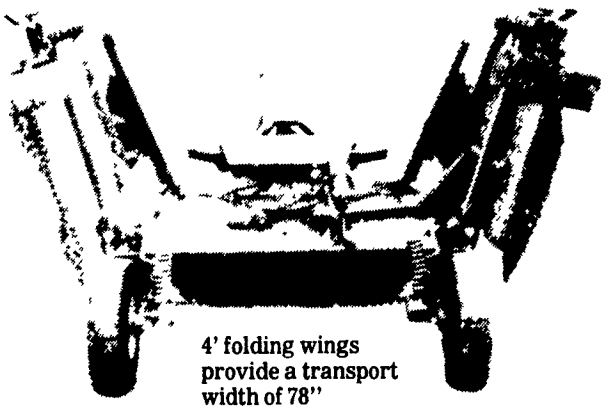

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Study recommends feed cuts when egg prices drop

By Forest Muir and Paul Aho
Extension Specialists in
Poultry Science
Penn State University

UNIVERSITY PARK – Feed is the single most expensive item in the production of eggs, representing 60-70% of total cost. In spite of this fact, reducing the use of feed is a neglected option for periods of low egg prices and narrow or negative margins. Feed restriction deserves especially careful study during periods of economic distress when egg prices are relatively low compared to feed.

Recently research was conducted at Cornell University investigating the effects of controlled feeding programs on production and income performance of layers. Four feeding programs were evaluated during the laying cycle. The control layers were full-fed from 20-64 weeks of age. Layers in the second group were full-fed from 20-36 weeks of age and from 36-64 weeks of age were restricted to about 95% of the consumption of the controls. Another group of layers were full-fed from 20-36 weeks, fed about 95% of the control level from 36-53 weeks and further restricted in feed intake from 53-64 weeks. The last group was full-fed until 36 weeks of age and then restricted to about 90% of the control consumption from 36-64 weeks of age. All treatment groups were fed the same laying ration throughout the laying period.

Egg production and feed consumption data were collected for the 4 groups of layers. These values are presented in Table 1.

Table 1. Feed comsumption and egg production values.

Treatment	Feed Consumption 20-64 Wks lbs/bird	Level of Feed Restriction (%)	Egg Production No./Hen To 64 Weeks	Feed/ Dozen
Control	74.80	—	249	3.60
Feed Restricted 1	72.16	3.5	246	3.52
Feed Restricted 2	69.30	7.4	241	3.45
Feed Restricted 3	66.00	11.8	235	3.37

It can be seen from Table 1 that as the level of feed restriction increased compared to the control layers the egg production decreased. Thus, as the layers were restricted in nutrient intake the result was a corresponding reduction in the number of eggs produced. But, it is interesting to note that the conversion of nutrients into eggs (feed per dozen) was improved with feed restriction. The reduction in egg production was more than offset by the reduction in feed consumption.

Egg weights and grades were determined from one day's collection of eggs from all treatment groups every 14 days. Eggs were candled for determination of undergrades and then sorted by USDA weight class standards. The egg size distribution for the control and three groups of feed restricted layers is presented in Table 2.

Table 2. Egg size distribution (%) for the 4 feeding programs

Treatment	Ex. Large	Large	Medium	Small	Undergrade
Control	23.0	44.2	22.1	1.4	9.3
Feed Restricted 1	20.9	51.3	20.6	0.6	6.6
Feed Restricted 2	19.0	48.3	24.4	1.9	6.4
Feed Restricted 3	13.8	47.4	29.6	2.3	6.9

There was little difference between the control and feed restricted 1 group in egg size distribution. The other two feed restricted groups had slightly reduced egg size distribution when compared to the controls. Although there was no difference among the feed restricted groups, the control layers had a larger percentage of undergrade eggs. Table 3, the actual number of eggs of each size distribution, was calculated by combining the egg production values of Table 1 with the size distribution found in Table 2.

Table 3. Egg size distribution (no.) for the 4 feeding programs

Treatment	Ex. Large	Large	Medium	Small	Undergrade	Total
Control	57.3	110.0	55.0	3.5	23.2	249
Feed Restricted 1	51.4	126.2	50.7	1.5	16.2	246
Feed Restricted 2	45.8	116.4	58.8	4.6	15.4	241
Feed Restricted 3	32.4	111.4	69.6	5.4	16.2	235

The egg size distribution for the feeding programs (Table 3) can be used to estimate the influence of levels of restrictive feeding and varying egg prices upon egg income. The following assumptions were made in farm egg prices - extra large are priced at the same level as large. Medium, small and undergrades are priced 5, 15, and 20 cents per dozen below large, respectively. Three egg price levels were established in evaluating the influence of feed restriction on egg income. These prices are presented in Table 4.

Table 4. Egg prices used for comparison

	Price Per Dozen				
Comparison	Ex. Large	Large	Medium	Small	Undergrade
Level 1	34	34	29	19	14
Level 2	54	54	49	39	34
Level 3	74	74	69	59	54

Multiplying the three egg price levels in Table 4 by the egg production for the four feeding programs presented in Table 3 resulted in the egg income values presented in Table 5.

Table 5 indicates that all three feed restriction programs utilized in the Cornell study resulted in higher egg income over feed cost than the control feeding program at level 1 egg prices - prices which are similar to those being received currently by egg producers. Even though the feed restriction program resulted in reduced egg production levels (Table 1), the saving in feed costs compensated for the reduced number of eggs at low egg prices. Only at egg price level 3 did the first feed restriction program have higher egg income over feed cost when compared to the full-fed control program.

The economic evaluation of controlled feeding research with layers recently conducted at Cornell University reveals that during periods of low egg prices simlar to those now being experienced by egg producers, losses in egg production caused by the use of the controlled feeding program described can be compensated for by savings in feed. When egg prices are higher there is no advantage to the use of the controlled feeding program. The authors would recommend that egg producers consider the use of a controlled feeding program if the equipment available to them is designed to allow feed restriction.

(Turn to Page D5)

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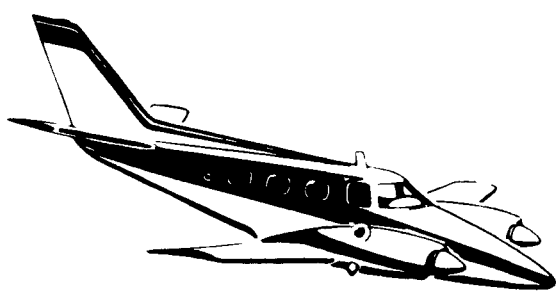

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Kritchevsky to address Northeast Egg Trade Show

DURHAM, N.H. — Eggpac, the national political action arm of the egg production industry, has chosen November 18th — the second day of the Northeast Egg Trade Show — for a major fund raising breakfast. Plans now in place will make this a high priority event for egg producers and allied industry people who plan to take in the Northeast United Egg Producers' Trade Show at Atlantic City on November 17 and 18.

Karen Froberg, regional promotion coordinator for N.E. U.E.P., announces that Dr. David Kritchevsky of the University of Pennsylvania's School of Medicine has agreed to address the gathering. He is a recognized authority on atherosclerosis and cholesterol. Dr. Kritchevsky will offer practical advice to egg producers on how to address these issues, while emphasizing the positive nutritional values of eggs.

A lifetime of teaching at major universities, and years of work in private industry and government have brought Dr. Kritchevsky national and world honors

Sandy Burke, U.E.P.'s director of legislative services in Washington will speak about putting the needs and concerns of egg producers before the members of the Congress and Senate.

Advance tickets are available for a $25 donation from: Karen Froberg, N.E. U.E.P., P.O. Box MM, Durham, N.H. 03824. No company checks, please. Only personal checks will be accepted.

Maryland Egg Council schedules fund raiser

BALTIMORE, Md. — The Maryland Egg Council will host its 18th annual fund-raising banquet on Friday, Oct. 11, at Martin's West in Baltimore. The program will feature the presentation of the Herbert M. Becherman Friend of the Industry Award to a distinguished egg marketing expert, Dr. Eric Oesterle of Purdue University.

Farmer/philosopher Henry Schriver will deliver observations that are enlightening, entertaining, and appropriately brief, according to Dr. Owen P. Thomas, chairman of the University of Maryland Poultry Science Department and president of the Maryland Egg Council.

Purchase of a $75 ticket constitutes membership in the Maryland Egg Council for one year. Proceeds from the evening will finance promotional activities sponsored by the Council. A significant portion of MEC monies are matched by funds from the American Egg Board, amplifying the impact of the Council's programming.

Further information is available from Dr. Owen Thomas, University of Maryland Poultry Science Department, at (301)454-3835 or Marilyn Latham, Maryland Department of Agriculture, at (301)841-5770.

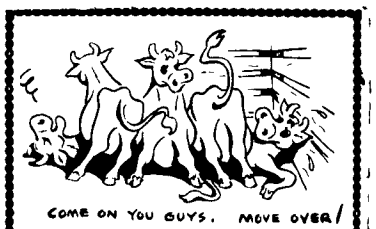
Study

(Continued from Page D4)

Table 5. Egg income and egg income over feed cost for the 4 feeding programs

		Egg income Egg price level			Egg income over feed cost Egg price level		
Treatment	Feed Cost*	1	2	3	1	2	3
Control	$5.24	$6.40	$10.54	$14.70	$1.16	$5.30	$9.46
Feed Restricted 1	5.05	6.47	10.57	14.67	1.42	5.52	9.62
Feed Restricted 2	4.85	6.27	10.29	14.30	1.42	5.44	9.45
Feed Restricted 3	4.65	6.03	9.95	13.86	1.41	5.33	9.24

* Assuming a feed cost of $.07/lb. and the feed consumption levels from Table 1.



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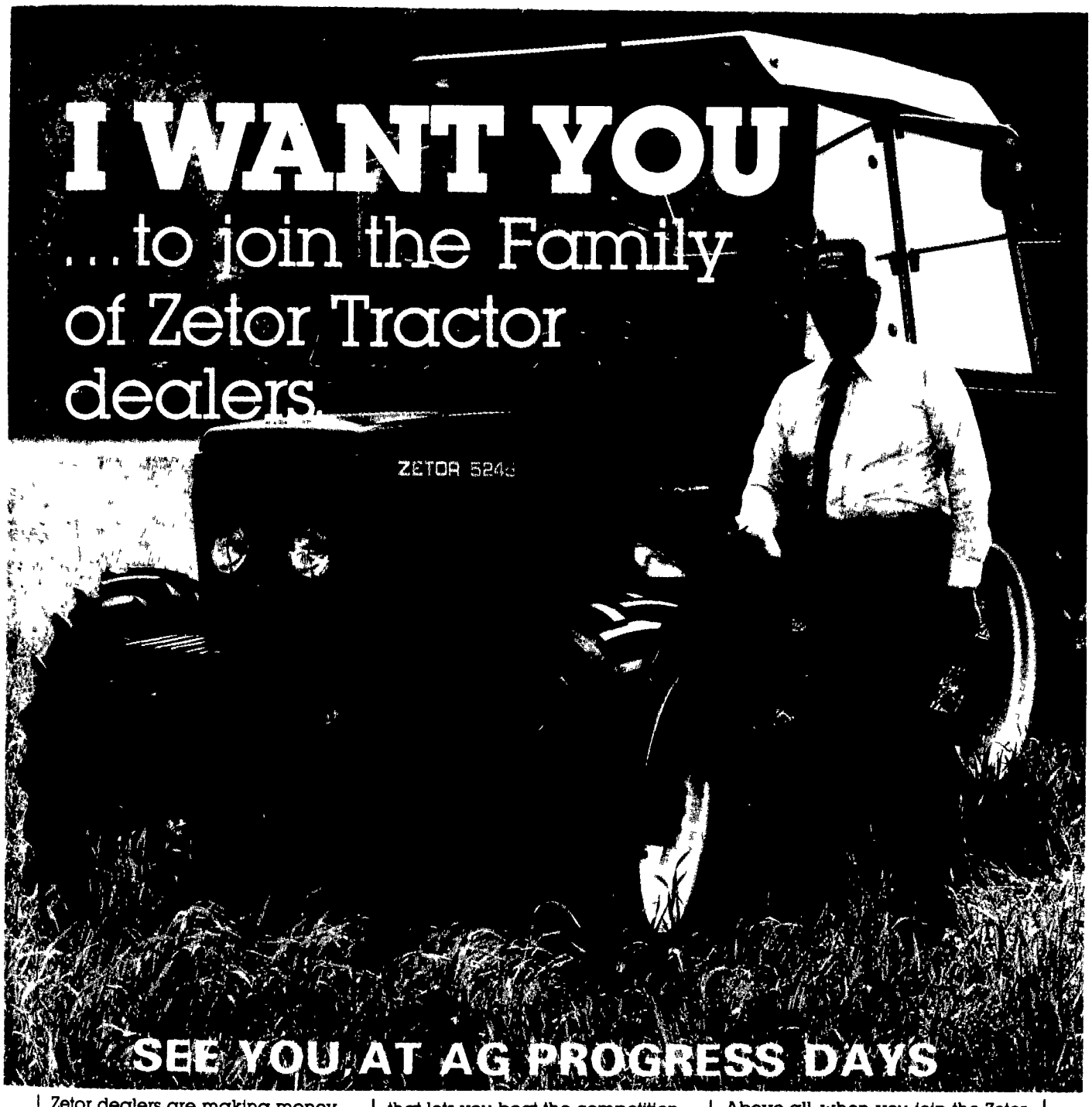

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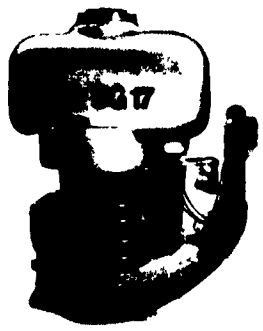

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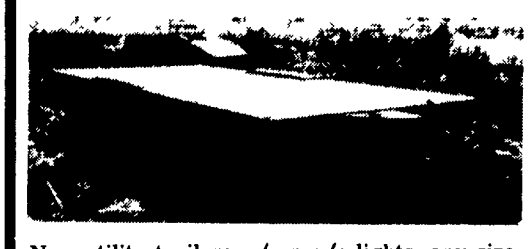

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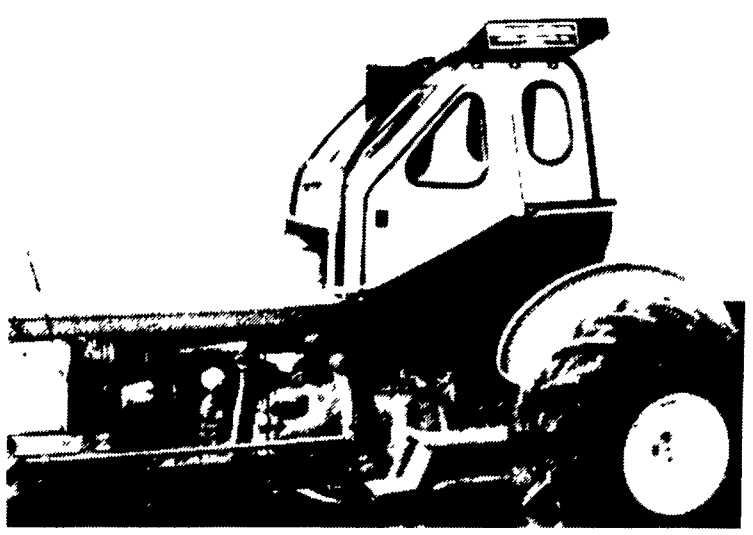
BUSINESS NEWS...

Baler unveils tractor cab



The new all weather spray cab by Baler Equipment Co. provides the operator with comfort and protection from weather and spray contaminates. The cab is made of a durable, low-density polyethylene and is available in red, white, blue and green to match your tractor. The cab's universal mounting system makes it possible to fit almost any size or make of tractor. The dual charcoal filtration system creates a positive air pressure within the cab, changing the interior air 12 time's a minute and providing cleaner air filtered free of dust and possible chemical contaminates.

New backhoe, front loaders introduced by Kubota

COMPTON, CA – Kubota Tractor Corp. recently introduced its tractor/loader/backhoe units with PTO horsepowers ranging from 32 to 40. The new backhoe and loader were designed for the 32 PTO horsepower L3350, the 36 PTO HP L3750, and the 40 PTO HP L4150.

The BF800 and BF900 front loaders are designed and built by Kubota to meet the tractors' specifications. The BF800, matched to L3350, has a maximum lift height of 109 inches. Its clearance with the attachment dumped is seven feet and its lift capacity at full height is 1,764 pounds and comes with a 64-inch bucket.

The BF900, designed especially for the L3750 and L4150, provides the two higher horsepower tractors with additional power; its lift capacity at full height is 1,984 pounds. Its clearance with attachment dumped is 7-feet, 2-inches, comparable to that of the BF800. The 70-inch bucket reaches a maximum lift height of 108 inches on the L3750 and 111 inches on the L4150.

Both front loaders were designed for use in construction, utility, landscaping, nurseries, dairies and farming. For operator convenience, both loaders are designed with a single-lever control valve. Both models feature quick attach and convenience for easy connection and removal.

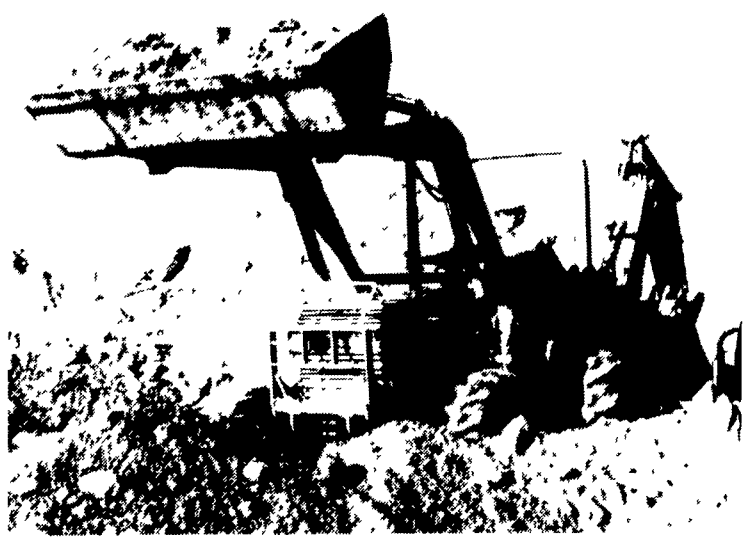
Backhoe

The L4540 backhoe was engineered for use in conjunction with a front loader to provide fast and smooth operation. One lever controls the boom extension and retraction chores, and also the swing arc. A second lever operates the dipperstick extension and retraction, and bucket curl.

The backhoe may be outfitted with a variety of bucket sizes, the standard being 24 inches. Its digging depth is just over 10 feet (120 inches for the L3750 and L4150, 125 inches for the L3350), and a loading height of at least 98 inches for all three tractors.

With a 167-inch reach from the center line of the swing pivot, an operator has sufficient height capabilities to work in a number of environments. Based on an average actual reading, the dipperstick lift ability is 1,925 pounds and is complemented by a 4,575 pound digging force at the bucket.

The backhoe, like the front loaders, is quick attach, freeing the standard three-point hitch and power take-off for operating other implements, such as the scraper, tiller or disc.



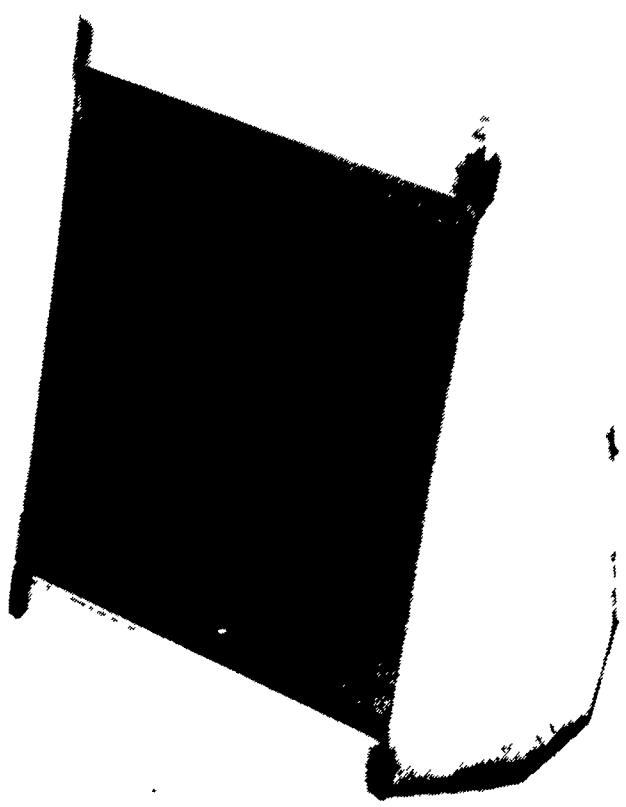
The BF800 and BF900 front loaders and L4540 backhoe are designed for construction and utility applications, meeting the specific needs of Kubota's 32 to 40 horsepower tractors.

Hog Slat adds new feeder

NEWTON GROVE, NC – Hog Slat, Incorporated, a leading hog equipment manufacturer, offers a versatile and profitable crate/feeder combination to hog producers large and small. The FC-100 adjustable sided, heavy-duty farrowing crate set-up with the best woven wire, plastic-coated and concrete floor slat features available gives your farrowing operations the durability, ease of cleaning and minimal sow stress you've come to expect from Hog Slat.

Now, to make your operation even more profitable, Hog Slat offers a stainless steel feed saver sow feeder in heavy 16 gauge No. 304. These 14-by-12-by-24½-inch quality feeders allow less waste and give you ease of mind at feeding time.

Tough and durable, these feeders are a perfect complement to Hog Slat's combination of farrowing crates and slats. Whether you raise 30 or 30,000 hogs per cycle, Hog Slat has the quality equipment to give you the winning combination of healthier pigs and bigger profits.



The new 16-gauge stainless steel feed saver sow feeder from Hog Slat.

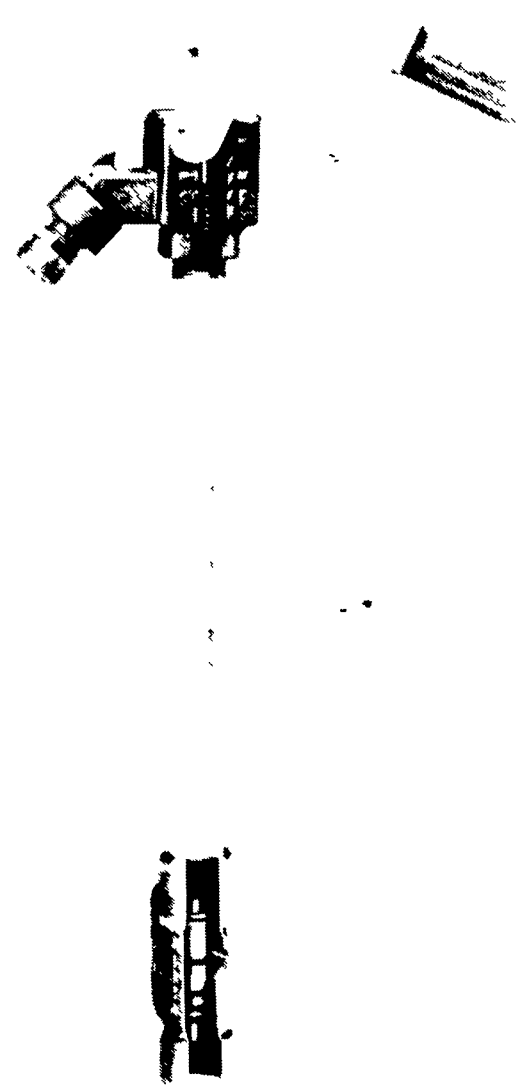
New line of water hydrants

CONRAD, IA – Trojan Specialized Livestock Systems has added a water hydrant to its product line. Models available range from one-foot to ten-feet bury depth. Each hydrant is made with ¾-inch galvanized pipe and connection.

Water flow capacity is 15 gallons per minute at 80 psi. The hydrant spout is threaded with ½-inch standard pipe thread to accept ½-inch pipe fittings. A ½-inch male pipe thread by ¾-inch male garden hose thread adaptor is provided with the hydrant.

The Trojan hydrant simplifies installation of cattle waterers as it's compact enough to be installed underneath the waterers to provide water supply and shutoff valve. The Trojan hydrant can be serviced without digging and connects to a standard ¾-inch supply line.

The unique, exclusive handle on the hydrant meets needs of confined areas. It can be mounted left, right or rear for installation against buildings, fences, feeders or inside pens. Spring loaded, the handle closes automatically. A positive water-less shutoff helps prevent dribbles. When left unattended, the handle can be locked open or shut. Water flow through the hydrant can be varied with the handle.



Cutaway of new Trojan® hydrant shows its inner workings. The handle, by exclusive design, can be mounted left, right or rear of the hydrant.

Bravo 500 okayed for cranberries

PAINESVILLE, OH – BRAVO 500 flowable fungicide has received federal registration for use on cranberries to control fruit rot diseases and Lophodermium leaf and twig blight.

BRAVO 500 can be applied to cranberries by ground equipment, aircraft, or through sprinkler irrigation systems. Recommended rate is 6 to 10 pints per acre.

Applications of BRAVO should first begin when cranberries are in the late bloom stage and repeated at 10 to 14-day intervals for a total of three applications per season.

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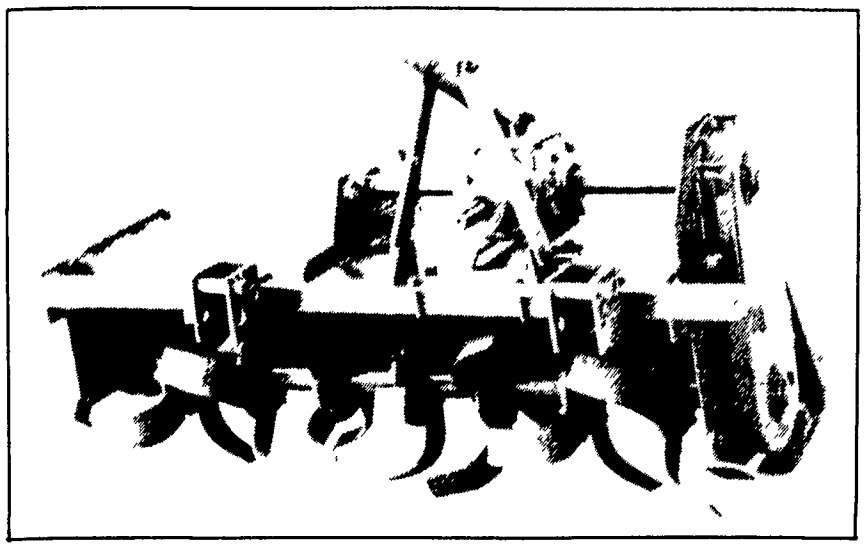

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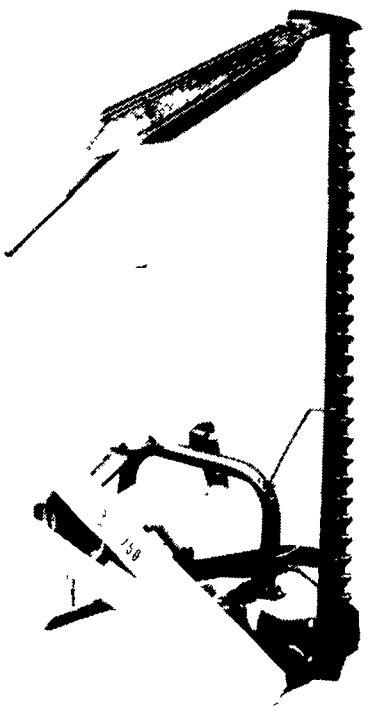

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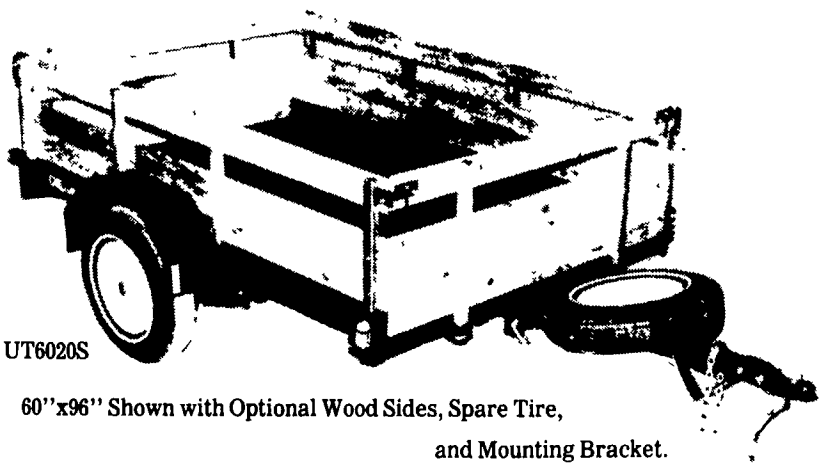

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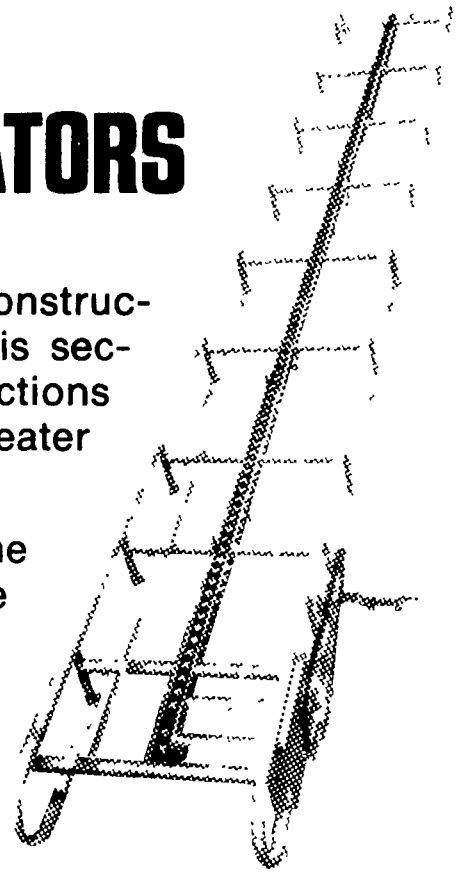

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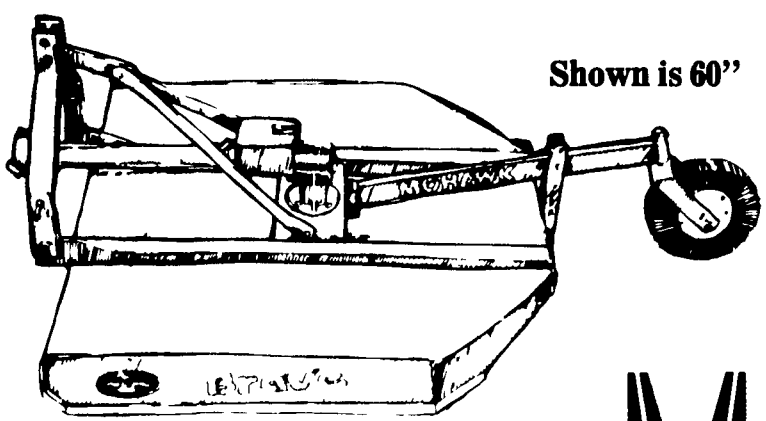

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1435 Gal.
14 Ft. Long Inside

The "Slinger" Manure Spreader is a multi-purpose unit. This swinging hammer type discharge along with many of our mixer drive and design ideas have been combined to make a very durable and dependable unit. Semi-fluids or solid manure are easily handled with this unit.

Model 1514-TOW-1 Tandem Axle, 2½" Sindles with 8 Bolt Hubs, 20x8 DC Wheels, Wt. 4570 Lbs.

Optional Equipment: New Upper Auger Agitator, Splash Guards, Wood Side Rails, Available in 540 or 1000 RPM PTO Drive.

TWO OTHER MODELS TO CHOOSE FROM:

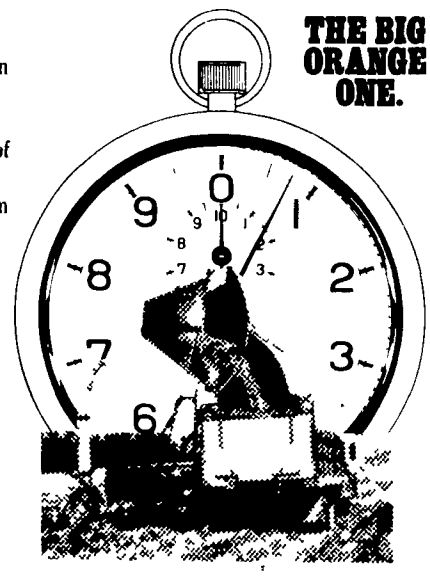
- **Smaller Model 912**
  900 Gal.
  12′ Long Inside
- **Larger Model 2500**
  2565 Gal.
  14′ Long Inside

Just a minute!

...And your Richardton Dumpwagon will be unloaded.

That's right! From sun up to sun down you don't waste any time unloading a Richardton Dump Wagon In ONE MINUTE you can completely dump a full load (Model 1200-550 cu ft, Model 1400-640 cu ft) of forage, haylage or up to 360 bushels corn, grain or bulk fertilizer You can choose from Richardton's original Dump Wagon or the new tandem version with two model sizes and many attachments available

Don't wait any longer Make the Richardton Dump Wagon part of your operation and you will spend less time waiting and more time working Richardton the one minute machine!



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- Accessory Battery Box for battery when your ATV does not have its own battery
- Comes complete with all mounting hardware and flotation tires
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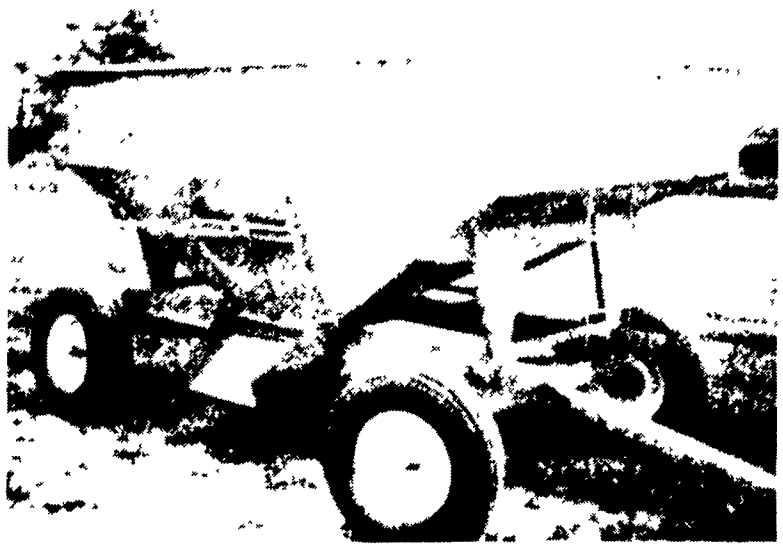
MODEL 125



MODEL 125

Capacity in bushels	165 bu.
Overall Dimension	10'4½" x 6'4½"
Height	55"
Timbers	3x6x118 in. Tapered Oak
Box	sides and ends 14 ga. sheet
Stake Pockets	Welded 8 all around
Door opening	24" x 24"
Ladders	Both Ends
Weight	950 lbs.
Depth	Top to slope 20½"
Understructure	10 ga. formed steel

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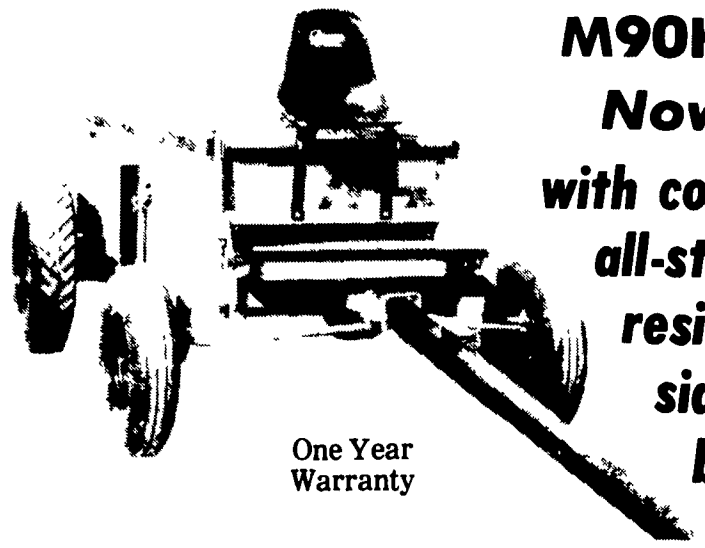
NEW HORSE DRAWN MANURE SPREADERS



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SPECIFICATIONS:

Length (inside) of box	111"	Shipping weight (approx.)	1150 lbs
Width of box	36"	Capacity (approx.)	90 bu.
Depth of box inside	18"	Width of spread	74"
Width of tread	57"	Rubber wheels (rear) 7.50 x 20 tires	
Axle Stressproof steel	1¾"	Rubber wheels (front) 6.75 x 15	
Loading height	37"		

Gehl develops financing for equipment purchases

WEST BEND, WI – Helping farmers cope during the current financial crisis is not just the task of government and lending institutions. It's a job for private industry as well, according to spokesmen at Gehl Company.

Gehl is recognized as an industry leader in farm equipment manufacturing, but, until recently, has used outside firms to provide equipment financing.

"More and more we realized we couldn't remain on the sidelines during this crisis," said Ron Knutel, Gehl Vice President of Finance. "Many of our customers needed help financing new equipment. They had just about used up their traditional sources of credit. So, by stepping in and offering an alternative way to finance, we saw a means to help ease the credit crunch."

With the establishment of its new finance division, known as Gehl Finance, the company now is able to bypass credit bottlenecks that many times stood in the way of sales.

George Gehl, Retail Finance Marketing Manager, explained why Gehl Finance has become popular with customers and dealers alike: "There's often a lot of time and paperwork involved in getting a bank loan. When a farmer needs a piece of equipment, he usually needs it fast, to get a particular job done. So delays cost him money. We can help him get the financing he needs, through our Gehl dealers, often the same day he applies. Our rates are competitive, and he doesn't have to pay a premium for fast service. It has worked out well, for farmers and for our dealers."

"Perhaps lending institutions don't always see the real need when it comes to purchasing equipment. They don't view it as being top priority, like seed and chemicals, for example," Knutel explained.

"But investing in up-to-date equipment has to be weighed in terms of its long range effect–how it can lower production costs and increase profitability. That's the bottom line. Buying new equipment may be a temporary expense, but it pays off in the long run. Usually it pays off fast."

Currently, Gehl Finance is operating through dealers in 18 states: Ohio, Indiana, Illinois, Wisconsin, Minnesota, Iowa, Missouri, Michigan, Pennsylvania, New York, North Dakota, South Dakota, Kansas, Oklahoma, Texas, Kentucky, Tennessee, and Nebraska.

"With the success we've enjoyed so far, there's good reason to believe we'll continue to expand our service, both in terms of participating dealers and in the number of states being served," Gehl said. "Of course, a lot depends on the state of the farm economy [illegible] months ahead."

Steiger celebrates 20,000

FARGO, ND – Steiger Tractor, Inc. rolled tractor number 20,000 off the assembly line recently, an event celebrated with a noontime picnic by over 300 Steiger employees based in Fargo.

Positioned next to the first Steiger tractor, 1957 brainchild of Douglass and Maurice Steiger from Red Lake Falls, Minnesota, the new Cougar 1000 presented a sharp contrast in style to employees and members of the press.

Its enclosed cab, dual wheels and other obvious refinements are complemented by an on-board micro processor system, adjustable bar axles, AM-FM stereo, a range power shift transmission, 225 HP Caterpillar engine, tilting and telescoping steering wheel and three-point hitch with power takeoff.

According to Darrell Cunningham, Steiger's vice president of manufacturing, the 20,000th Steiger is to be delivered to Mattoon Farm Service in Mattoon, IL. The Cougar 1000 series was introduced to United States & Canadian dealers in January, 1985, and is sold through a worldwide dealership system after production at the 420,000-square-foot Fargo plant.

Other speakers at the event included Dallas Lien, acting chief executive officer and Don Owens, a Steiger employee who participated in the manufacturing of some of the earliest Steiger tractors.

Since incorporation in 1969, the company has produced five different series of four-wheel-drive tractors and a line of industrial tractors. Steiger also markets some tillage equipment through outlets around the world, including subsidiary companies in Canada and Australia.

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Alfalfa more profitable than corn, researcher says

DE FOREST, WI – Farmers are discovering they can make more money with alfalfa than with corn sold at the market price. The secret lies in good management and marketing the forage through animals.

"The bottom line can easily be worked out. Your dollar return is going to be higher with alfalfa than with corn–if you manage it right," says Doug Porter.

Porter manages the 1,150 acre farm owned by American Breeders Service, a world-wide semen supplier based in De Forest, Wisconsin.

Net return is calculated by determining total tonnage through weighing each cutting and testing for moisture; then penciling in fertilizer, machinery costs and labor, he explains.

However, there is more involved than watching only the bottom line. ABS sets high standards for care of its bulls–and that includes feed.

Optimum feed quality begins at planting with seed that is chosen for vigor, longevity, disease and pest resistance as well as yield.

"If you are going to seed something down for five or six years and you divide that cost out, it's just a good insurance policy to buy top-of-the-line seed. The research behind it gives the plants different ressitance factors and tolerances. And that's what you are paying for–the research and good genetics behind it."

Because feed quality is extremely important, ABS uses additives throughout its forage program, Porter explains. Both a desiccant and an 80 percent propionic/20 percent acetic acid mixture are used for baled hay. An enzyme silage inoculant is also used to aid fermentation in the silos.

"There's no rule of thumb as far as what it would cost us if an animal goes off feed because of poor quality, but we can't afford to feed anything less than prime quality to any animal here."

ABS has forage needs that are slightly different, he continues. "Mature bulls are being fed just to maintain their body weight. It's not like we were raising them for beef or milk production, so we don't need to pump a lot of protein into them. Mature bulls cannot utilize the excess calcium that is present in an all-alfalfa ration."

The bulls' diet is based on an alfalfa/orchard grass mixture that increases tonnage while cutting back on the high-octane aspects of an all-alfalfa ration, Porter says.

"We seed with 18 pounds of alfalfa and six pounds of orchard grass. If I were finishing beef I'd cut the orchard grass back to two pounds and keep the alfalfa at 18 pounds an acre, but I'd eliminate the orchard grass and feed 100 percent alfalfa if I were a dairy farmer."

ABS keeps its stands of Pioneer® alfalfas 520, 524 and 526 in production for five to six years before rotating to corn for two years and then back to forage.

Stands are fertilized for an eight ton per acre yield; established stands receive a split application of fertilizer after first and fourth crop.

Soil preparation is not extensive on new stands. Lime is spread and the ground fall plowed if possible. In spring, the field usually requires only one leveling with a Do-All before seeding.

Stands are seeded with oats that are drilled in just before a Brillion seeder seeds the alfalfa/orchard grass mixture. "We use oats as a companion crop primarily for erosion control purposes and also because we can utilize oatlage."

Cutting on established stands generally begins around June 1 or at early bud and continues at 30-day intervals, Porter explains. The last harvest doesn't always follow a strict schedule, however.

"If we can't get it off by the 15th of August, we'll wait until the first killing frost and then go in to harvest."

Although alfalfa weevil and other pests are a problem in neighboring fields, Porter says they are not a problem in ABS stands. "The varieties I have established are a big factor in that. Good management is also important–high fertility to give the plant plenty of hardiness and cutting early and every 30 days."

ABS also does not use any herbicide on the alfalfa/orchard grass stands. "I think the nurse crop helps smother out any broadleaf weeds, and any grassy weeds that are becoming established will be clipped off before they can set seed."

If there is a trick to growing high quality alfalfa it lies in attention to details. Porter keeps meticulous daily field records that note cutting date, total tonnage, moisture level at ensiling, harvest number and type of feed (bales or haylage).

These records prove that starting with good seed and continually emphasizing proper management practices throughout the stand's lifetime keep the return on investment high.

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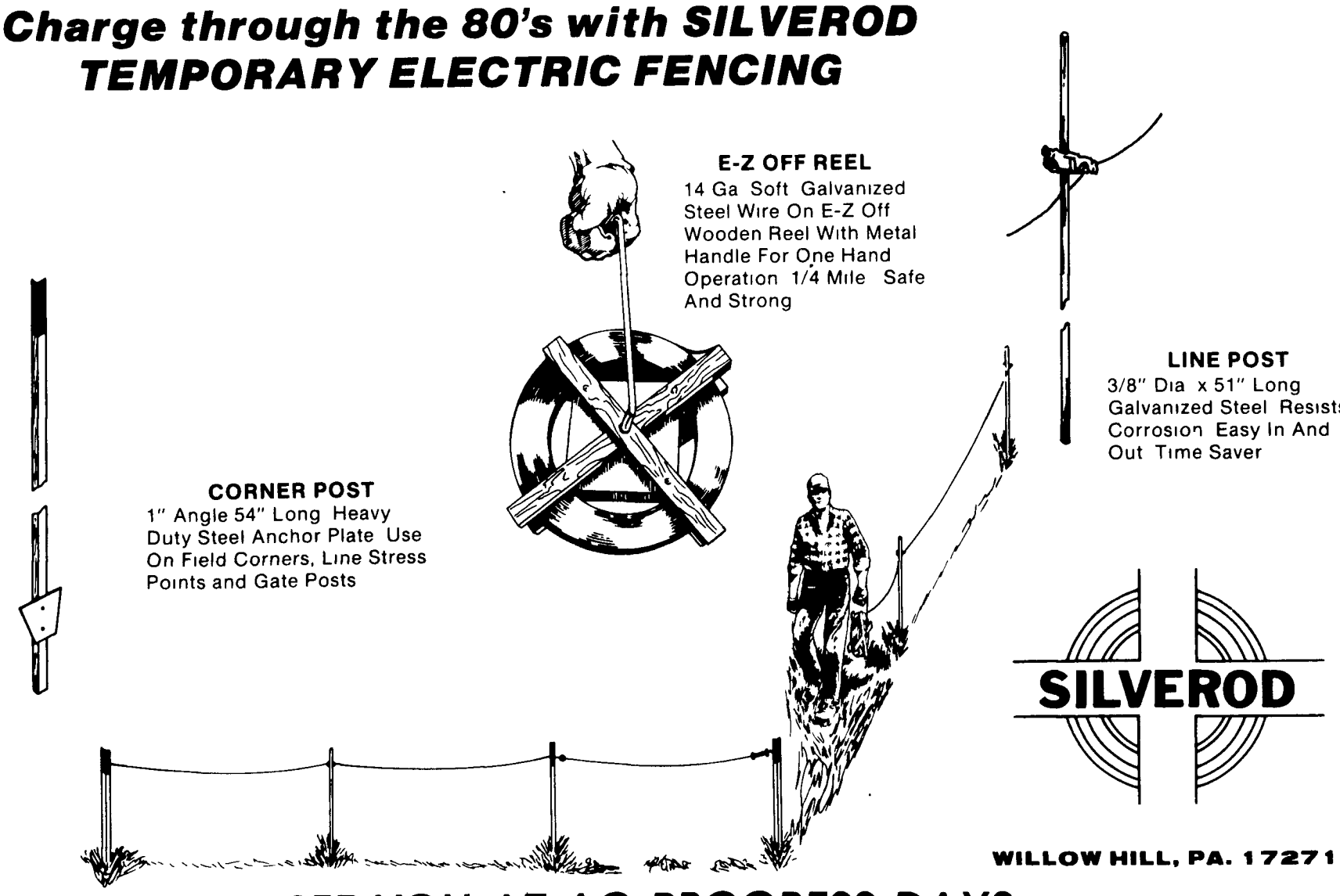

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Case rolls back price on most 2WD tractors

RACINE, WI — J I Case has rolled back prices on most Case International 94 Series two-wheel-drive agricultural tractors. According to John A. Borden, executive vice president, marketing, the roll back results from ongoing cost reduction efforts in Case manufacturing operations.

The price reductions, now in effect, apply to new identity Case International tractors only. The rollback varies by model up to 8.7%, and applies to tractors marketed in the United States.

Case announced similar price rollbacks for Case International four-wheel-drive agricultural tractors and Case construction equipment in March.

Borden said the price move is a positive response to current economic difficulties in the agricultural marketplace. "The rollback passes on to our customers the benefits of our successful efforts to lower costs while improving quality. These prices better reflect today's market conditions and show our continuing commitment to deliver maximum value to our customers," he said.

Armor Deck cover secures cargo

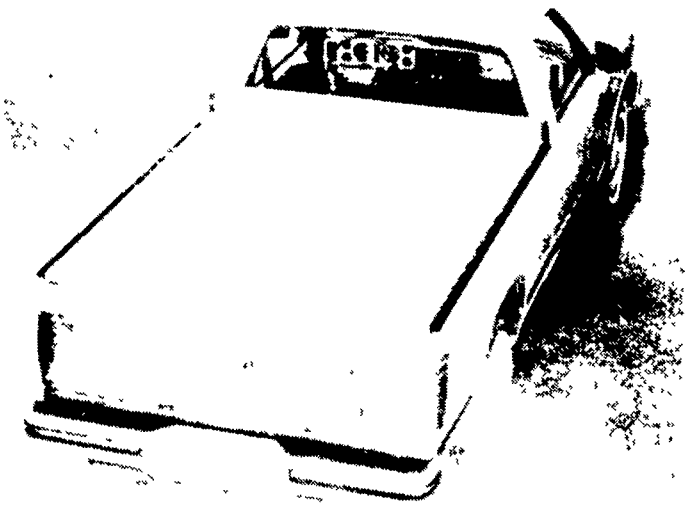
MORRISTOWN, NJ — Armor Deck™ is a revolutionary new product that transforms an ordinary pickup truck into the most versatile vehicle you can own - on the farm, in the city - and for work or recreation. An accessory that fits virtually every pickup truck made Armor Deck™ is made of high-strength aluminum panels that fold back and forth over the bed of the pickup.

The panels lock on both sides as well as the tailgate, creating a solid weather-proof surface that provides real security for cargo luggage, or shopping parcels; or an extra loading area that can carry loads well beyond the capacity of the vehicle itself; or serve as a picnic table for tailgate parties.

In certified wind tunnel tests, Armor Deck™ contributes to the safety of the pickup at highway speeds by a margin of almost 20 percent by substantially reducing tailgate drag. The reduction in tailgate drag also increases gas mileage.

The unit is designed to last the life of the truck - and then some - and requires only washing to keep it shiny and attractive.

Armor Deck™ is manufactured by PEI, Inc. of Hawthorne, NJ.



The Armor Deck pickup truck cover from PEI, Inc. of Hawthorne, NJ.

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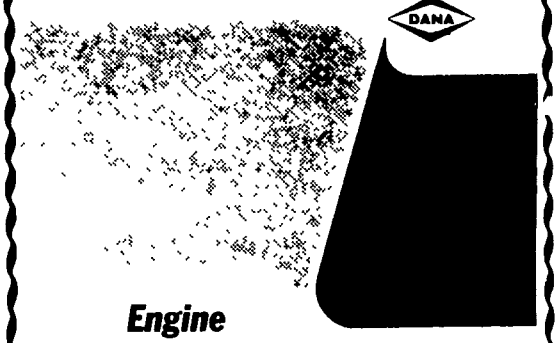

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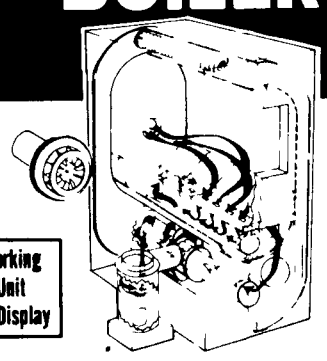

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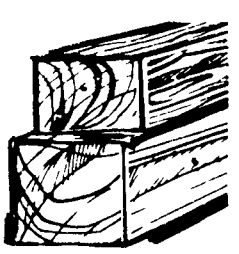

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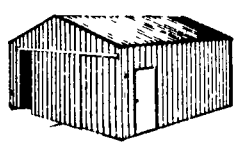

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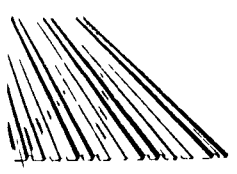

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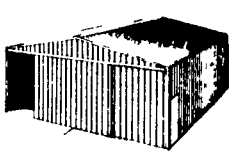

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- Optional 8 additions available

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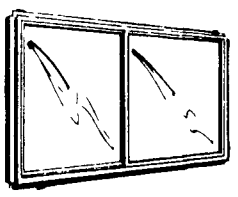

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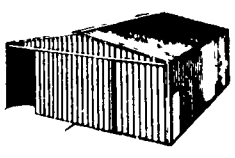

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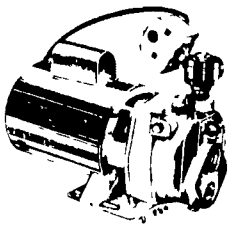

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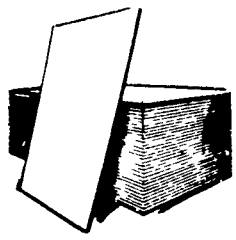

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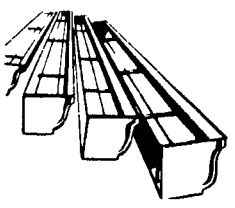

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Chester County DHIA Monthly Report

dhia
Pennsylvania Dairy Herd Improvement Association

June, 1985

The cow with high fat was owned by Breck-A De Farm
The cow with high milk was owned by Dunwood Farm

Owner Name or No	Brd	Age	Days In Milk	Lbs Milk	% Fat	Lbs Fat
Breck A-De Farm						
107	3	7 9	305	22,603	4 4	999
Dunwood Farm						
Diane	3	4-9	305	31,791	3 1	970
Leader	3	6 9	305	21,797	3 9	850
Charity	3	7-1	305	19,332	4 3	835
George P Lamborn						
Aster	3	6 7	305	25,509	3 8	967
H & R Mason						
13G	3	6 1	305	24,203	3 9	954
68C	3	6 9	305	25,905	3 3	853
72F	3	6-5	295	22,006	3 8	827
Robert E Pepple						
15	3	4 4	305	23,210	4 1	945
56	3	3 2	305	22,125	4 0	884
46	3	6 4	305	19,233	4 2	816
Vernon Guest & Son						
Joanne	3	5 11	305	21 125	4 4	934
Charles J Moore						
Fannie	3	6 9	305	20 425	4 5	915
John S Stoltzfus						
Rosita	3	7 1	305	19 524	4 5	872
Ardrossan Farms						
Aroster	1	7 10	305	19,060	4 6	870
Slucete	1	5 6	305	20,338	4 2	857
Hbetina	1	5 7	301	18 849	4 4	835
Joseph Lusby						
Segis	3	4 8	305	21,990	3 9	866
Walmoore						
228	3	4 2	305	22,294	3 6	811
Samuel B Acker						
B127	3	4-10	305	18 980	4 2	803
Calvin S Kurtz						
53	3	5 11	305	22 346	3 6	802

Owner	Brd.	No Cows	Days In Milk	Lbs Milk	Lbs Fat
Melwood Farm	3	36 4	90 7	22,509	889
H & R Mason	3	111 5	90 3	21,201	813
Ardrossan Farms	1	124 3	86 7	19 308	809
Robert E Pepple	3	62 5	86 3	19,579	771
George P Lamborn	3	34 7	89 9	20 800	766
Dunwood Farm	3	55 3	87 9	19 748	749
Jonas B Stoltzfus	3	46 6	86 5	19 303	745
Joseph Lusby	B3	44 7	85 9	18 471	723
John S Stoltzfus	3	75 7	88 2	18 156	715
Abner R King	B3	36 9	85 7	18 125	714
Breck A De Farm	3	78 7	87 0	18 768	711
Kulp Bros	G3	87 6	87 9	18,294	710
Bright Meadows	B3	70 5	83 5	18 735	708
Vernon Guest & Son	B3	92 7	87 6	17,870	705
Ridglea Farm	3	96 2	87 3	17 738	703
David&Dawn Windle	3	51 4	86 3	19,077	699
Willowland Farm	3	59 4	88 2	18,524	698
James V Yale	B3	65 9	91 3	17 251	696
Paul King	B8	72 9	91 4	19,063	695
Floyd Miller & Sons	B3	67 3	88 0	18,327	695
Chris&Ches Stoltzfus	3	55 8	87 2	17 391	690
Glen H Freese	3	70 4	86 1	19 556	688
Round Top Farm	B3	81 7	82 5	19,694	688
Jefferson D Yoder	3	68 1	87 2	18,204	687
Elmer A Mast	B3	84 7	87 5	17,577	687
Merle J King	B3	81 5	88 5	18,193	683
Timberview Farm	3	57 8	88 0	16,900	679
Herman Stoltzfus	3	52 7	85 7	18,325	679
Jesse E Lair	G3	86 3	87 6	19,081	678
Richard Hostetter	B3	45 9	83 7	18,011	677
Maplesway Farm	3	64 8	89 8	17,687	677
Kenneth Umble	3	60 4	85 8	17,937	676
Swan View	3	59 0	86 9	18,159	672
Hargret Dairy Inc	B3	51 7	86 8	17,967	672
Mast Stoltzfus	3	44 1	89 3	17,945	671
David E Weaver	3	94 3	86 2	17,361	671
Pei Valley Farm	B3	70 8	87 6	17,514	670
Leon D Kurtz	3	42 1	83 6	18,355	669
Donald M Horning	B3	47 9	86 2	18,145	668
Charles J Moore	B3	47 3	86 2	19,019	667
Harold R Kulp	B3	77 6	88 3	17,637	666
Wilmer L Hostetter	3	51 3	84 7	18,599	665
J Harold Bare	3	66 5	82 3	17 722	663
David K Stoltzfus	B3	45 6	82 9	17,126	663
Mrs John B Hannum	B3	88 3	87 7	18,333	660
Benjamin K Kauffman	B3	41 7	88 9	18,085	659
Samuel B Acker	B3	178 5	88 6	16,880	658
Dale Hostetter	3	49 1	85 3	18,169	657
Mark&Melody Stoltzfus	B3	51 5	83 8	17 184	653
Donald L Kauffman	B3	66 6	87 1	18 100	651
Arthur D Hershey	3	50 4	84 4	17,671	650

WASHINGTON COUNTY DHIA
June, 1985

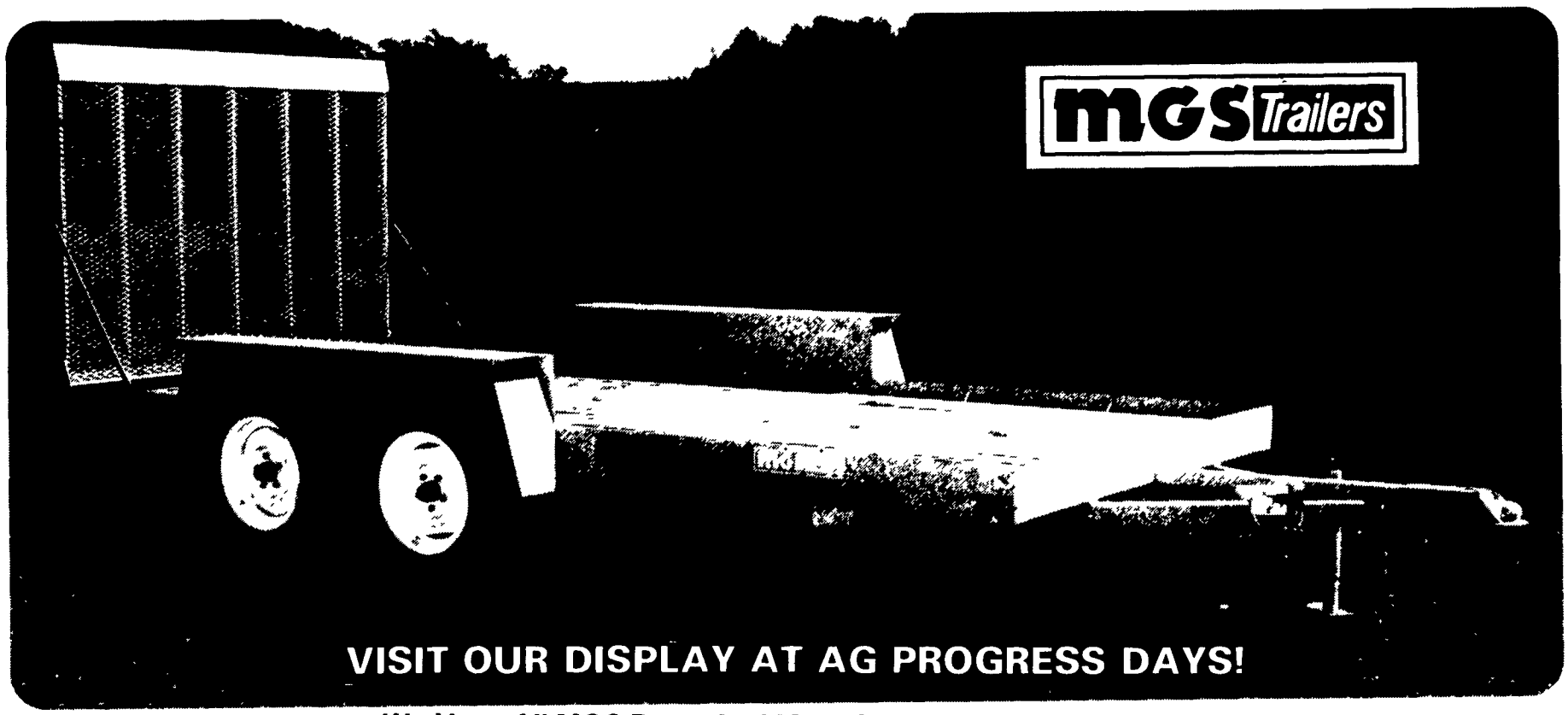
William H Price	62	61 4	19 061	725
Gilson R Martin	24	60 4	19 673	713
Arthur G Rhoderick	132	60 3	18 135	683
Marlin Martin	43	55 5	19 540	715
Roy J Byers	28	53 7	17 302	661
Donald&Erika Martin	45	53 5	19 066	676
Marvista Farm	85	52 5	17 681	655
Edgar Paul Pryor	97	52 5	17 870	674
Earl Grove Jr	109	48 6	18 825	661
F Ernest Barnhart	93	48 5	17 851	667

McKEAN COUNTY DHIA
June 1985
(Herds with 1 3 lbs of Milk Fat or more)

John H Lapp	56	56 1	3 6	2 0
G L Carlson Inc	43	52 9	3 6	1 8
Thomas Spees	31	48 7	3 6	1 7
James&Eleanor Tanner	24	51 3	3 4	1 7
Peter Causer	44	51 0	3 4	1 7
Paul Althouse	21	50 0	3 4	1 7
Neal D Gordon	41	44 9	3 7	1 6
Matthew Windsor	32	43 9	3 7	1 6
Charles Irons	78	41 3	3 9	1 6
Mantz Farms	46	42 5	3 8	1 6
Orton Kinney	28	46 7	3 3	1 5
Robert Strait	39	42 6	3 5	1 5
Stratton Farms	45	42 7	3 5	1 4
Ken & Doug Comstock	34	38 2	3 6	1 3

John H Lapp	57	18 801	702
Charles Irons	80	16 806	689
Orton Kinney	26	18,197	674
Neal D Gordon	44	16 298	629
Mantz Farms	44	15,623	606
Matthew Windsor	31	15,797	604
Thomas Spees	32	15,798	595
G L Carlson Inc	44	16,353	581
Orville Johnson	36	14 444	548

Charles Irons				
Venus	9 10	305	14,988	597
Carlota	7 1	305	15,326	618
Starbab	4 11	305	18 119	685
P Hope	4 7	305	17 660	585
Pebbles	4 8	305	19,297	731
Victres	4 11	305	15,866	567
Aries	4 0	305	16,889	656
Vixen	3 11	305	16,175	586
Psilver	3 10	304	17,068	733
Volare	2 10	305	16 399	648
Jut	2 6	305	14 044	554
Leslie	3 0	305	11 732	555
Heather	2 9	305	16 055	731
Robert Strait				
Pat	8 5	305	15 526	560
Edna	4 0	305	18 002	595
Matthew Windsor				
Linda	7 8	305	18 365	783
Karen	3 8	305	21 163	875
Neal D Gordon				
Tanya	7 0	305	15 530	608
Crystal	4 1	305	16 563	606
GL Carlson Inc				
July	4 1	301	16 575	640
John H Lapp				
Lynn	9 4	305	18 633	599
Mantz Farms				
Fawn	6 4	305	20 436	692
Gina	3 3	305	13 937	619
Orton Kinney				
Rose	2 4	305	13 157	553
Thomas Spees				
Kathy	10 3	305	16 549	651
Florenc	4 8	305	17 662	695
Paul Althouse				
Ginney	2 6	305	13 040	572



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Winterset lettuce resists mosaic virus damage

WASHINGTON – A new iceberg lettuce, "Winterset," that resists lettuce mosaic virus which causes crop losses and drives up prices to consumers, is now available to commercial growers, Terry B Kinney of the U.S Department of Agriculture said

Edward J. Ryder, a plant geneticist for USDA's Agricultural Research Service and an international authority on lettuce, developed the new variety for lettuce growers in the West at the agency's vegetable production laboratory, Salinas, Calif Seed is available to commercial growers from seed dealers.

"Once mosaic virus gets hold, it can take over a growing area and stop production for weeks," said Kinney, administrator of the research agency If that happens, he said, consumers may pay more for lettuce shipped from western growing areas to other parts of the country

"Winterset" is ideal for winter planting in the desert regions of Arizona and California, as well as for early spring planting in California's San Joaquin Valley, according to Ryder.

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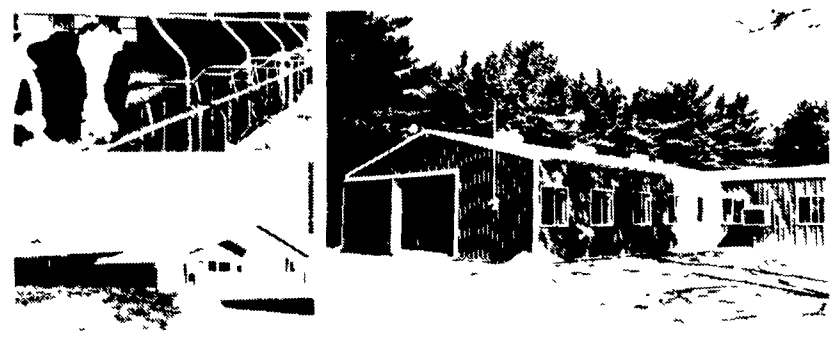

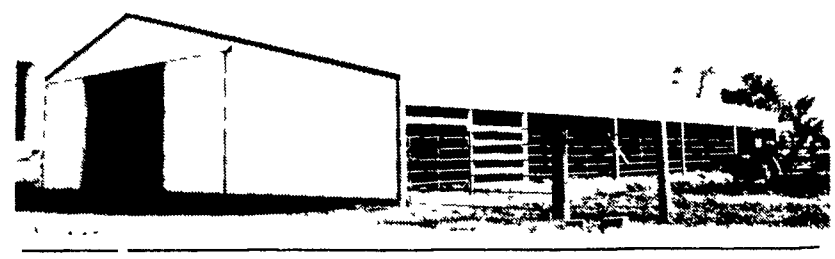

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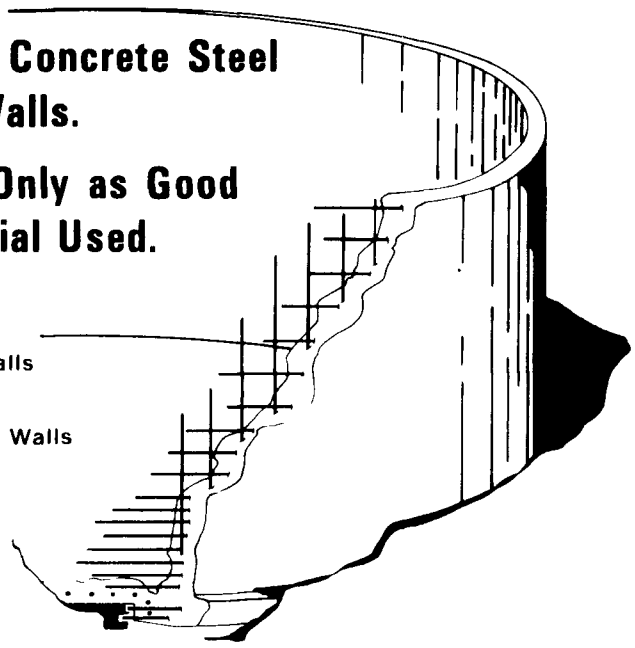

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Sept. 6, 7, 8 ..... Bluegrass Festival

Researcher studies effect of pollution on potatoes

UNIVERSITY PARK — Potatoes at Penn State's research farm do not get clean air to breathe. They get polluted air, but it is for a good reason.

Eva Pell, professor of plant pathology and professor at the Center for Air Environment Studies, and her associates, are exposing potatoes to sulfur dioxide and ozone, two potentially damaging air pollutants, to study the effect of the widespread gases on plants.

The potatoes grow in a network of plastic chambers, huge fans and Teflon tubing, controlled by a constantly monitoring computer which supplements the natural air with the gases.

Pell, who has been studying the effects of pollution on crops for more than a dozen years, says she will not know just what effect the byproducts of our technologically advanced society had on the potatoes until harvest time, but the results may lead to work on more pollution-tolerant breeds of potatoes as well as revised federal standards for the Clean Air Act.

"We chose potatoes because they are very important to Pennsylvania agriculture and because potatoes are sensitive to ozone," she says of the three-year study funded by the Electric Power Research Institute.

"We have known ozone is a problem in central Pennsylvania for some time," she says of the pollutant. It already has been blamed for yield reductions in Norland potatoes, no longer popular because they cannot withstand the effects of the pollutant.

Ozone has created the visual effects showing up on the plants in the form of red blotches on the smaller than normal leaves. Many of the leaves are prematurely yellow, too. The look of the plants led Pell to speculate the potato yields and quality may be affected. The harvest will tell, she says.

The pollutant may affect the solid content of the potato, making it watery, or may add too much sugar, creating a black chip, or it may produce glycoalkaloids in a chemical reaction to stress, resulting in a tuber with bitter taste.

While the ozone levels had been "fairly low" for most of the summer, Friday, July 19 was a hot and sticky day in the area, under skies that were more gray than blue.

A meteorological inversion occurred, producing conditions which shot the ozone level to above 100 parts per billion. 120, Pell says, is the federal standard which ambient air is not to exceed for more than one hour in one year.

"We were impressed with the injury the plants exhibited as a result of this inversion," she said.

The plants are also exposed to sulfur dioxide, a byproduct of fossil fuel burning, in regulated doses to create a simulation of unhealthy air. The State College area rarely sees sulfur dioxide concentrations due to the lack of industrial sources, but Pell says that there are many areas of the state, as well as the country, which are exposed.

Pell is interested in the possibility that a combination of the two gases can be even more damaging than either one separately, and hopes to determine the effects of the combination.

Thirty-nine clear plastic open-top chambers surrounding the potato plants help to concentrate the amounts of sulfur dioxide and ozone thrust on the plants by powerful fans, linked throughout the research site by the long lines of tubing.

Ozone concentration is measured in the ambient air, and experimental potato plants receive one-third more, two-thirds more and double that ozone level. The computer constantly monitors the air and adjusts the ozone concentrations to meet Pell's requirements.

Once every second week, the plants receive three hours of sulfur dioxide.

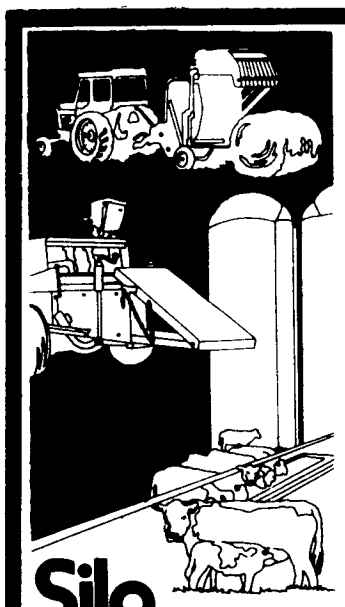
The variety planted for this experiment is a chipping potato variety, and should be high in total solids, Pell says.

There is little to suggest that humans will suffer physically from eating a potato exposed to ozone or sulfur dioxide, she says. "It is more an economic effect."

The results, she says, may offer some insight for those farmers who want to grow a tolerant potato

A professional involved in the recent examination of the federal standards outlined in the Clean Air Act, Pell hopes her research results may have some impact on future acceptable levels.

For now, she watches as the potatoes are exposed to toxic air, noting "Even rural areas are no longer pristine."



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550	4'0"	6'0"	10	549	225.00
550	4'0"	6'0"	7	751	280.00
1,000	4'0"	10'8"	10	827	332.00
1,000	4'0"	10'8"	7	1,129	417.00
1,000	5'4"	6'0"	7	1,028	388.00

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NEW STEEL UNDERGROUND sti-P3 FUEL STORAGE TANKS

Capacity (Gallons)	Diameter	Length	Gauge (Thickness)	Weight (Pounds)	Price FOB Quarryville
550	4'0"	6'0"	10	549	550.00
550	4'0"	6'0"	7	751	600.00
1,000	4'0"	10'8"	10	827	765.00
1,000	4'0"	10'8"	7	1,129	845.00
1,000	5'4"	6'0"	7	1,028	800.00
1,500	5'4"	9'0"	7	1,388	1,025.00
2,000	5'4"	12'0"	7	1,735	1,242.00
3,000	5'4"	18'0"	7	2,432	1,600.00
4,000	5'4"	24'0"	7	3,130	1,945.00
4,000	6'0"	19'0"	¼"	4,325	2,480.00
4,000	8'0"	10'6"	¼"	4,195	2,270.00
5,000	6'0"	23'10"	¼"	5,089	2,950.00
5,000	8'0"	13'4"	¼"	4,892	2,670.00
6,000	6'0"	28'8"	¼"	6,075	3,500.00
6,000	8'0"	16'0"	¼"	5,588	3,035.00
8,000	8'0"	21'4"	¼"	6,981	3,730.00
8,000	10'0"	14'0"	¼"	6,712	3,620.00
10,000	8'0"	26'8"	¼"	8,375	4,370.00
10,000	10'0"	17'0"	¼"	7,829	4,030.00
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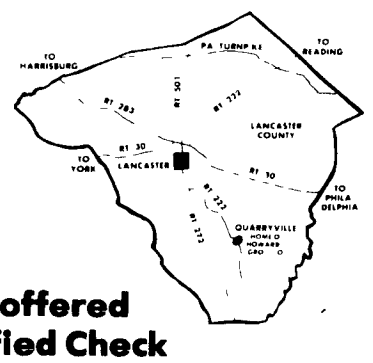

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Lycoming County DHIA Monthly Report

dhia
Pennsylvania Dairy Herd Improvement Association

June, 1985

Owner	Brd.	Age	No. Cows	Days In Milk	Lbs. Milk	Lbs. Fat
Lawrence Moon	R&GrH	44 2	89 0	20,119	762
Eugene W Hall	RH	71 4	90 0	18,460	758
Franklin J Finck	RH	90 8	88 1	18,380	727
Marvin L Waltz	R&GrH	58 2	86 7	18,343	715
John Snyder	RH	42 5	85 8	17,883	713
Mont Will Farms	R&GrH	43 1	89 7	18,690	710
Don & Scott Lepley*	R&GrH	37 0	87 5	19,338	709
Willard M Brelsford	R&GrH	40 6	89 1	17,206	688
Lester M Poust	RH	56 4	86 9	17,599	688
Marshall Bros Inc	RH	122 3	85 3	16,288	685
Linden-Hills Farm	R&GrH	32 6	85 4	18,408	676
Charles Fulmer Jr	R&GrH	30 4	94 4	18,306	670
Samuel & Larry Fry	RH	112 4	87 1	17,686	666
Steppe Brothers	RH	85 1	88 2	16,855	664
Robert Voneida	R&GrH	52 2	87 9	16 587	663
Edward C Ulrich	R&GrH	30 3	88 0	17,218	662
Benjamin McCarty	R&GrH	35 3	84 6	17,317	659
Eldon L Metzger	GrH	38 4	86 4	17 509	654

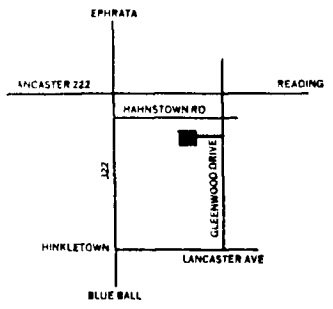
Owner Name or No	Age	Lbs Milk	Lbs Fat	Days In Milk
Samuel & Larry Fry				
Satin	5-3	18,786	755	305
Nitch	5-0	21,747	784	305
Sabina	3 11	19,529	789	298
John Snyder				
Ivy	7 3	22,504	834	305
Stephen R Waltz				
10-40	3-11	19,509	774	305
Robert Voneida				
Sam	10-1	18,779	833	305
Selma	4-6	16,704	781	305
Lester M Poust				
Laurel	7-4	22,151	836	305
John C Bower Jr				
Apple	8-1	18,876	804	305
Willard M Brelsford				
Lawrence Moon				
Flame	4 1	17,614	774	305
Maddy	5 6	20 135	792	305
Steppe Brothers				
Lazy	5 6	17,483	773	305
Eugene W Hall				
Buffy	8-0	21,296	933	305
Marlena	5-6	22,394	920	305
Nicki	5 1	23,782	978	305
Elena	4-8	19,602	767	305
Melette	4-6	20,632	965	305
Marshall Bros Inc				
R35	7 1	15,968	796	279
Wayne	6-0	19,448	819	305
210	3-7	16,539	758	305
265	2 9	17,447	757	305
Merrill Holdren				
61	4-10	19,687	912	305
Milton S Fuoss Jr				
34Tige	3-5	20,112	829	305
Schon-Crest Farms				
Anna	3 5	18,378	779	283
Lost Brook Farm				
16	3-6	19,145	767	292
2	3-6	18,611	827	305
46	2-0	10,419	772	305

Turn to Page D22)

OWNERS
H. Ivan Sensenig
Nelson Sensenig
Clifford Nolt

GLENWOOD METAL FORMING

Glenwood Drive
R.D. 3 - Box 503A
EPHRATA, PA
717/733-9590



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thermo door™

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Agricultural or Commercial

FOUR-WAY PRE-HUNG
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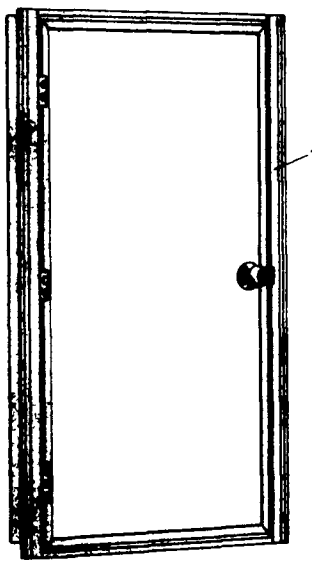
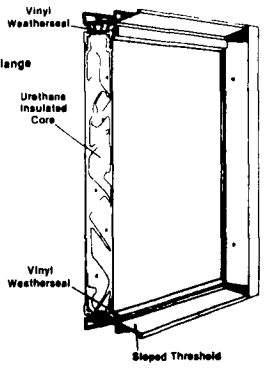
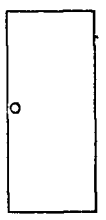
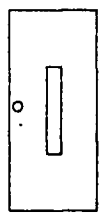
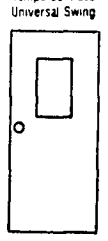




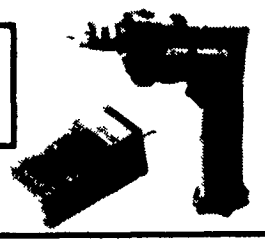
STYLES AVAILABLE


410
FLUSH DOOR
Universal Swing

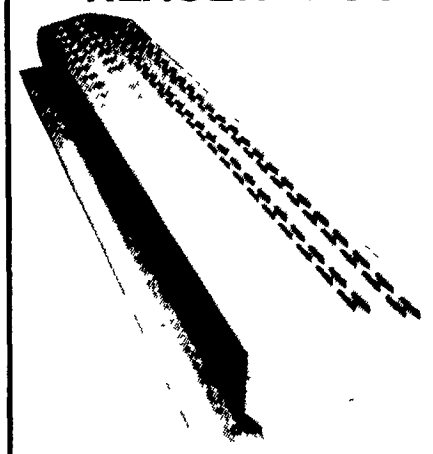

410 A
7 x 36
Tempered Glass
Universal Swing


410-B
20 x 24
Tempered Glass
Specify Swing

6012 HDW Makita Cordless Screwguns Available For Sale or Rent



The New KLAUER - ROOFLINE RIDGOLATOR®



END CAP REMOVED FOR INTERIOR VIEW

END FLASHING

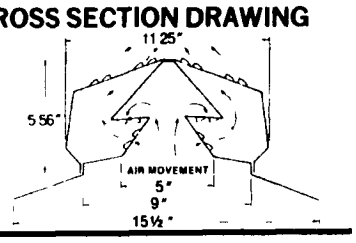
CONNECTING FLASHING

ROOFLINE RIDGOLATOR®

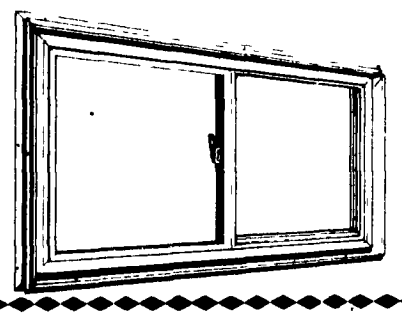
- Large opening which eliminates clogging
- The most weather proof Ridge Vent on the market
- Adjustable Flashings for various roof pitches
- Weather-proof connecting flashings for continuous coverage of ridge (full ridge coverage)
- Aerodynamically designed to produce a negative air pressure at point of ventilation
- No disturbing wind rattling — absolutely quiet
- Clean Line appearance, THE ROOFLINE RIDGOLATOR,® as the name states, blends into the roof line

- Manufactured of Prepainted Hot Dipped Galvanized Steel, therefore, having great strength
- Installed with ease and rapidity
- Well protected — two per carton
- Flashings packed 10 per carton
- Very durable design
- Assembly accomplished entirely with rivets End Caps are attached

CROSS SECTION DRAWING



MANUFACTURED OF PREPAINTED HOT DIPPED GALVANIZED STEEL



200 AGRI BUILT WINDOW

Tension Sealed—Self Flashing

Nitrate circular

EBENSBURG – Nitrate provides plants with essential nitrogen, but excess nitrate can convert to toxic substances in the digestive systems of human infants and some livestock.

The effects of nitrate on families and livestock is the topic of a new publication by The Pennsylvania State University Cooperative Extension Service. Special Circular 308 explains how excess nitrate can leach into groundwater supplies and contaminate wells.

Human babies are extremely susceptible to nitrate poisoning. Certain bacteria, present in their digestive systems at birth, change the nitrate into toxic nitrite. The nitrite reacts with hemoglobin to form methemoglobin, which does not carry oxygen. As the level of oxygen throughout the body decreases, the body decreases, the baby is suffocated, a condition known as methemoglobinemia.

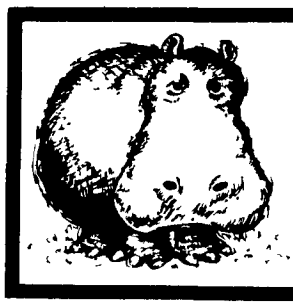
Around the age of three months, the baby has an increased amount of hydrochloric acid in the stomach which kills most of the bacteria. At six months of age, the digestive system is fully developed, and none of the nitrate-converting bacteria remain. In older children and adults, nitrate is absorbed and excreted; therefore, methemoglobinemia is no longer a concern.

Ruminant animals such as sheep and cattle and infant monogastrics such as chickens and pigs also have nitrate-converting bacteria in their digestive systems. All are affected by nitrate poisoning in the same way. Although horses are mongastrics, they have a cecum similar to the rumen which houses nitrate-converting bacteria and puts horses at risk of nitrate-poisoning, too.

Livestock are exposed to nitrate in feed and water. To protect livestock, both feed and water should be tested for nitrates. If nitrate poisoning is diagnosed early, both human infants and animals can be treated and most will recover completely.

The circular also explains how much nitrate is dangerous. Information is given on testing water for nitrate contamination, purifying and protecting the water supply and applying nitrogen properly.

Special Circular 308 is available from the Cambria County Extension Office, Box 390, Ebensburg, PA.



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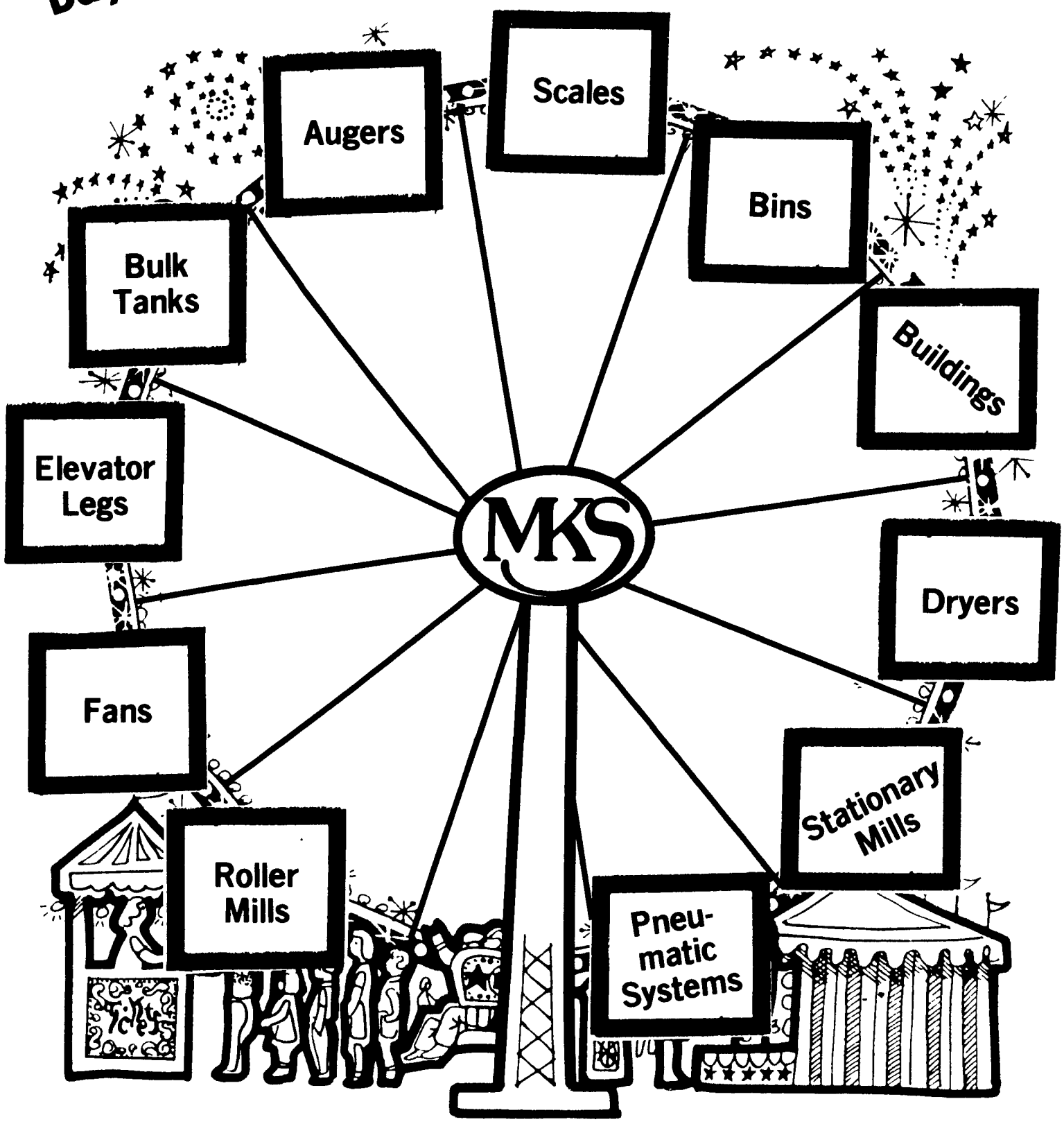

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Be Sure and Stop in at the Big CASE-INTERNATIONAL HARVESTER Display and Demonstrations during Penna. Ag Progress Days

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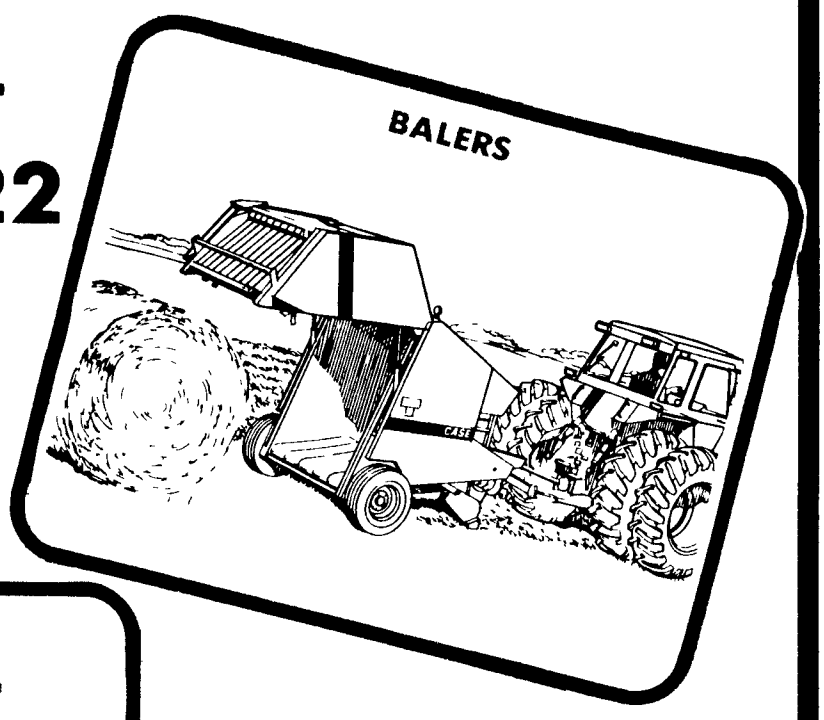

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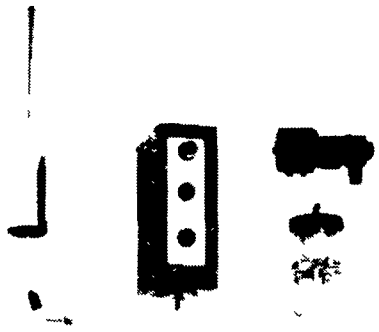
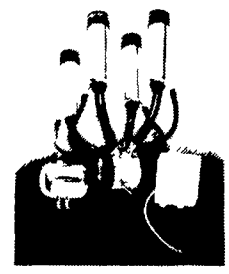
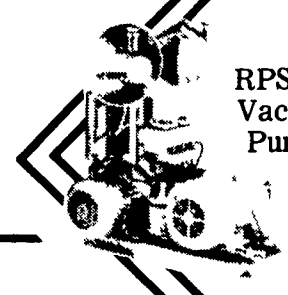


ACR I & ACR II
Automatic
Take-offs



Automatic
Pulsation
Systems

WESTFALIA SYSTEMAT



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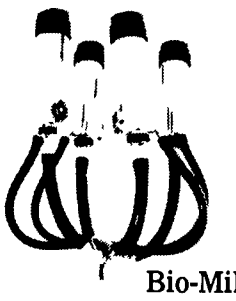
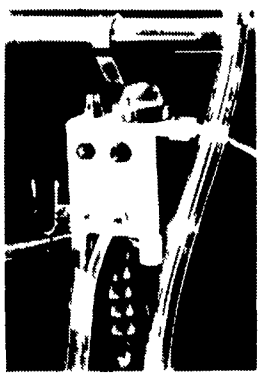


Bio-Milkers



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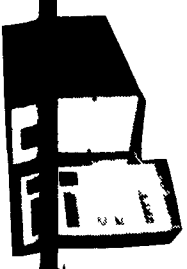

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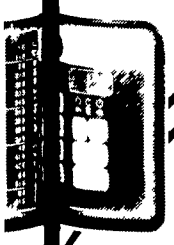

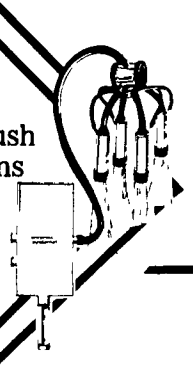

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Dirymen'' HIGH TECH DAIRYING

Lycoming

(Continued from Page D17)

Aaron Ritter				
Ida	5 2	21,864	785	305
Eldon L Metzger				
35	4-3	16,983	750	237
Benjamin E McCarty				
35	6 9	17 788	801	305
41	6 1	20 267	759	305
Linden Hills Farm				
35	4 5	20,861	774	305
C Thomas Faulkner				
13	4-3	18,564	762	305
Marvin L Waltz				
Morning	4 5	24,848	993	305
Hussie	3 0	18,552	752	305
Michele	2 0	16,684	751	305
Franklin J Finck				
Deligh9	7-6	22,673	982	305
35Daisy	2-11	18,704	799	305

Balderson adds new Cat products

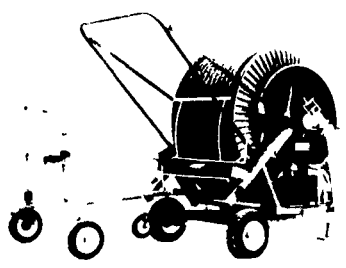
Balderson Inc., a manufacturer of attachments for Caterpillar machines, announces the availability of a complete line of attachments for the new Caterpillar 916 Wheel Loader.

Balderson attachments for the 916 are designed to increase versatility, productivity, and total value of the recently introduced machine.

Included are forks, blades, buckets, snow plows and rakes. Many are available with Balderson Quick Coupler.

1955 LANCASTER FARMING 30 Years Of Service 1985

ABI irrigation
AGRICULTURAL IRRIGATION SYSTEMS



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- CONSTRUCTION Fully welded reel and main frame
- BELLOWS DRIVE The patented water bellows drive offers a reliable 'no pressure loss thru drive system' using only 1%-2% pumped water which is then applied to the crop, saving up to 2 psi when compared with turbine drive It also enables gun nozzles to be changed to give light applications of water for see bed irrigation
- LOW MAINTENANCE The simple drive unit offers really low maintenance — No cylinders to repair, No chain or sprockets t wear, No seals to leak, No gearboxes or pulleys to maintain
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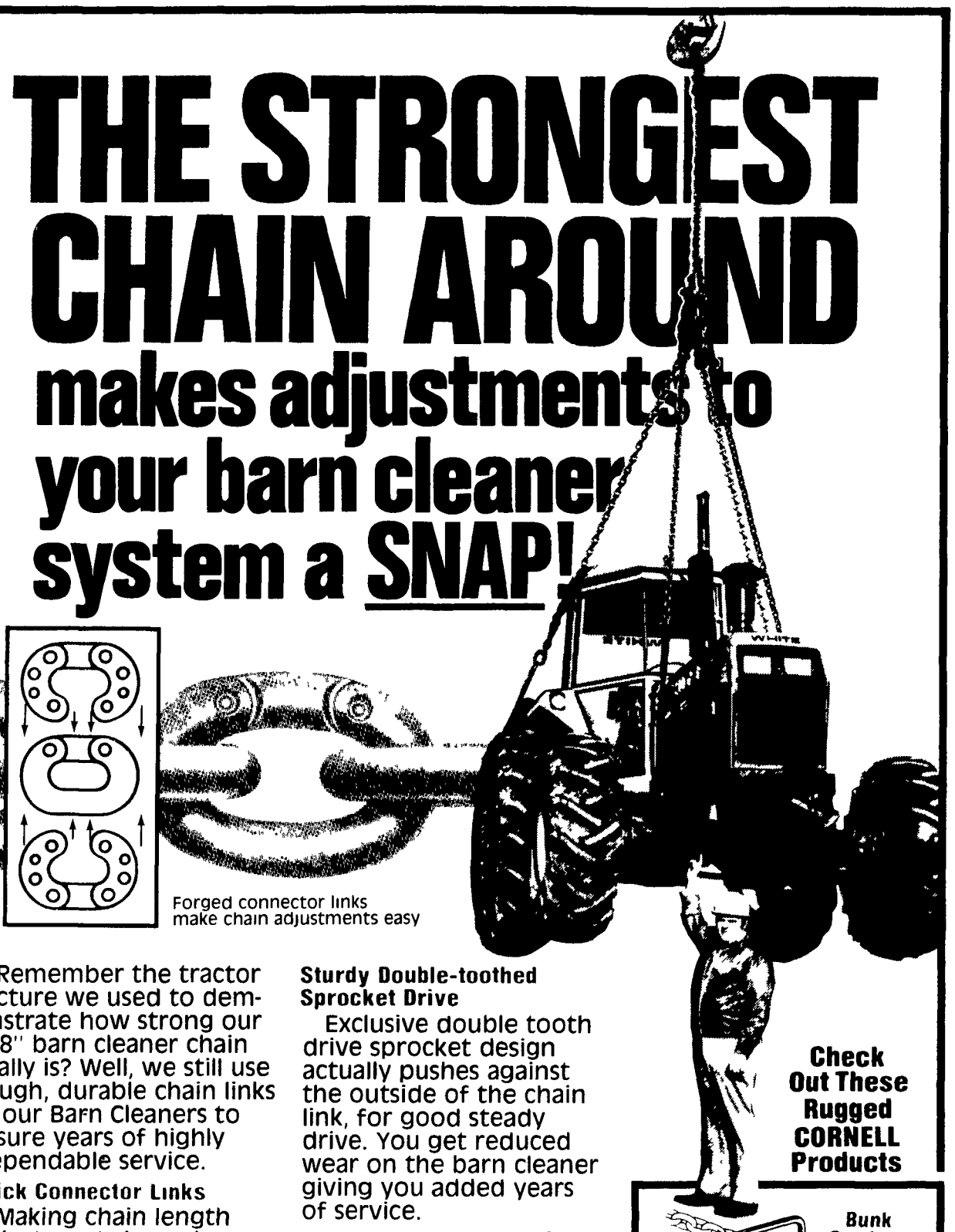

Forged connector links make chain adjustments easy

Remember the tractor picture we used to demonstrate how strong our 5/8" barn cleaner chain really is? Well, we still use tough, durable chain links in our Barn Cleaners to assure years of highly dependable service.

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Exclusive double tooth drive sprocket design actually pushes against the outside of the chain link, for good steady drive. You get reduced wear on the barn cleaner giving you added years of service.

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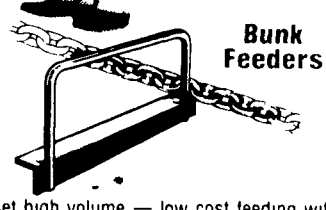

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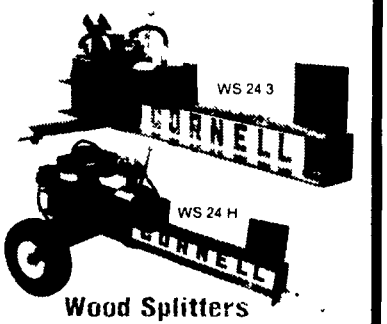

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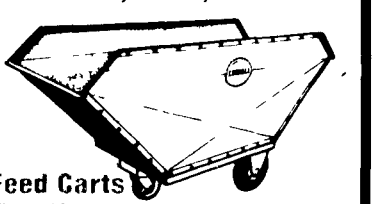

Feed Carts

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Brockett's Ag Advice

By John E. Brockett
Farm Management Agent
Lewistown Extension Office

Farming on the share

Years ago many farmers got their start by farming on the share. Today with the high cost of capital, share farming may once again be a practical solution. Some of the joint ventures we discussed last week could evolve into or possibly even border on share farming.

The main difference as I see it is that with share farming, the person doing the farming is doing the whole thing. In other words the landlords share is actually rent. The joint venture as discussed last week meant that two parties were involved in managing their portion of the business for the mutual benefit of the total business.

Thus the people in the joint venture were able to share the management burden as well as the capital burden. People in a share arrangement usually share only the capital burden unless the landlord makes decisions that directly affect the business.

Many farmers have been making hay on the share (for a percentage of the crop) for a number of years. Some large landowners have rented land out for a share of the crop. Both of these are workable if both parties are convinced that the other party is honest.

As with the joint venture methods, share farming can help a farmer get started with a reduced amount of capital. However, it does require more capital than either the joint venture (which is usually only one enterprise) or the working contract which may require little or no direct capital dollars.

The biggest problem with a new farmer getting started as a sharefarmer is that a good manager can see a portion of his or her efforts going to the landlord who really has put no effort into the business.

Those who consider taking this route may want to consider that the landlord is taking part of the risk. In other words bad weather, disease, low prices, and disasters will effect the landlord as well as the farmer.

A landlord agreeing to this type of arrangement also has the risk of a wasteful or otherwise poor tenant. Thus the landlord not only shares the risk but may even help subsidize a poor operator.

Some start up farmers have gone into a business whereby they have rented everything- land, buildings, livestock, equipment. There is no capital risk on the tennant's part- it is all shifted to the landlord. There may be no buildup of equity either.

In some cases, where the landlord still exercises a large degree of management authority, the tenant may become nothing more than a glorified hired man. Although he has succeeded in shifting the capital risk to the landlord, he has taken on the risk of fluctuating income with no potential buildup of equity or future sale of assets acquired by his efforts.

Yet this method does have possibilities if things are carefully thought thru and the owner can make certain ownership concessions to the tenant. For example, if the landlord allows the tenant to use the landlord's equipment to do some farming on the side, the tenant may acquire additional income with no capital outlay. Or if the landlord puts in an incentive program whereby the tenant receives a certain percentage of the heifer calves each year and can raise them at no cost or sell them at his discretion.

Unlike the previous methods this method does not have the primary purpose of acquiring equity but rather of just farming for the purpose of learning management by practicing it. There is nothing wrong with that idea if both parties understand the risk they are taking. The landlord risks capital (livestock, equipment, crops). The tenant risks income (prices, no equity).

Apprenticeship

For people with little experience farming, an alternative would be to work for someone else with the agreement that if you learn or meet certain goals, you will be able to gradually acquire more management responsibility. Along with this responsibility you may also acquire some assets such as livestock or equipment. This arrangement could be expanded into one of the previously suggested agreements.

The employee would set down on paper certain goals he or she would like to accomplish. The employer could set down some management responsibilities he would be willing to relinquish if those goals were met.

Bedell hits spread on beef prices

WASHINGTON – U.S. Rep. Berkley Bedell, D-Iowa, has written to the 10 largest food store chains to express his concern over the rapidly expanding spread between the price farmers receive for their cattle and the price the retailers charge for meat.

"It is my hope that efforts can be made to restore the producer's share of the consumer meat dollar to a reasonable and profitable level," Bedell said in the letter.

Bedell told the retailers that the Iowa Cattlemen's Association recently reported that the total financial losses for the cattle industry in the first six months of 1985 amounted to an astounding $1 billion.

"According to the marketing association, during that period, the average total loss per head marketed was $68, and in the feeding segment, the average loss per head was $20," said Bedell, who is chairman of a House of Representatives Agriculture Subcommittee.

"At current market prices, total production costs of approximately $850 are not nearly met by the income returned to the producer," Bedell said. "However, while the figures indicate that a sale of a steer would result in the loss of $154.39 to a cattle feeder, the same steer would yield a $351.80 profit for the wholesaler and retailer."

Bedell said these figures represented growing inequities in our cattle markets. "Inequities that must be addressed if we are to restore strength and stability to agriculture and ensure that we can continue to provide the same quantity of high quality meat products that are currently available to the American consumer," Bedell said.

The companies to which Bedell wrote are Safeway Stores, Inc., The Kroger Co., American Stores Co., Winn-Dixie Stores Inc., The Southland Corp., Lucky Stores Inc., The Great Atlantic & Pacific Tea Co., Albertson's Inc., Jewel Companies, Inc., and The Grand Union Co.

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New box scrapers marketed

Amerequip Corporation - Arps Division of New Holstein, WI, has announced the release of two economy-priced Box Scrapers, the Model 300 rigid backfill blade and Model 350 hinged backfill blade. Both models are available in cutting widths of 4½, 5, 5½, 6 and 7 feet. The Arps Model 300 and Model 350 are designed for use on tractors from 15 to 60 horsepower. Both models feature forward and reverse cutting edges manufactured from road grader material punched to give 20% longer life than the standard reversible cutting edges.

Kubota offers fluid, motor oil

LOS ANGELES – Kubota Tractor Corp, now markets its own UDT universal transdraulic fluid and 15W-40 and 30W motor oils for use in Kubota tractors and excavators.

"Kubota equipment has performed exceptionally well in the field," said Bill Templeton, vice president of sales for Kubota, "in spite of the wide variety of fuels and lubricants used by operators. We anticipate even better performance once owners begin to use Kubota fluids and oils designed specifically for Kubota tractors."

Kubota's UDT transdraulic fluid meets or exceeds requirements set by major manufacturers, according to Dan Ferris, national parts manager. Kubota's UDT fluid incorporates the latest advances in EP antiwear and controlled friction performance to extend the life of the transmission, hydraulics, and wet brake components.

Kubota's motor oils received the highest possible ratings from the American Petroleum Institute (SF for gasoline and CD for diesel). They are rated at 10 total base nutrients (TBN) and meet the specification level of Mack EOK-2. These ratings reflect Kubota's demand for the finest available additives, polymers and base oils, according to Ferris.

"Our motor oils provide high detergent alkalinity to extend engine life and maximize operating economy," said Ferris. "We've tested the oils and found that they reduced oil consumption, ring and liner wear, while also providing superior control of piston deposits and viscosity."

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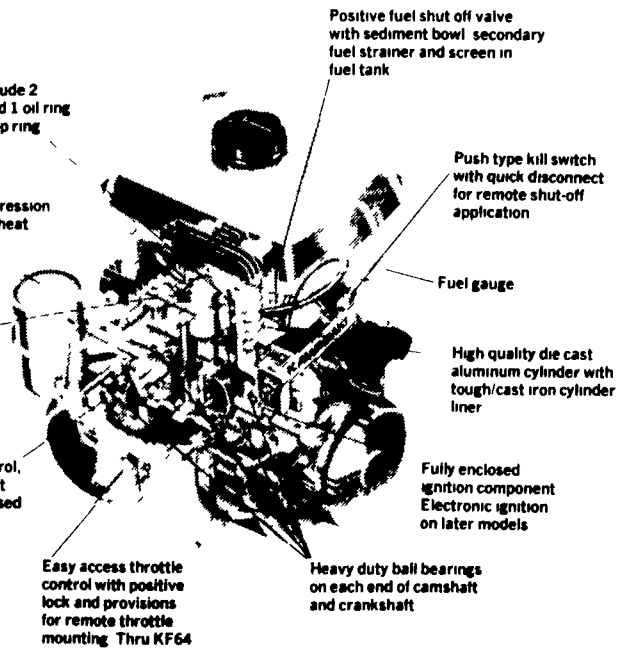
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13.6x36, 4 ply	$189.62
11.2x38, 4 ply	$147.34
12.4x38, 4 ply	$167.78
12.4x38, 6 ply	$192.54
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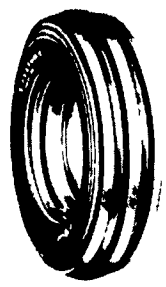

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14L-16.1, 6 ply	$140.00
7.50-18, 6 ply	$60.00
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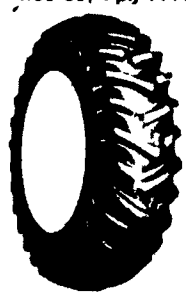

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23.1x34, 8 ply	$599.00
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18.4x38, 8 ply	$469.00
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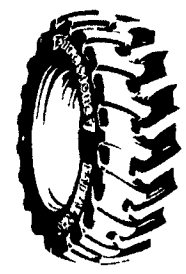

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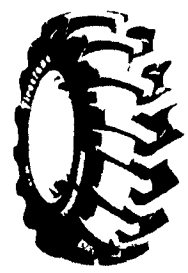
20 8R38	8 ply	$649
20 8R38	10 ply	$699
18 4R42	10 ply	$549
20 8R42	10 ply	$699



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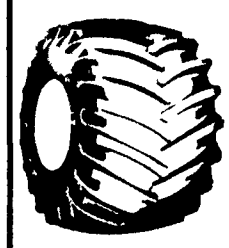
6x12, 4 ply	$44
6x14, 4 ply	$65
7x16 4 ply	$80
8x16 4 ply	$85



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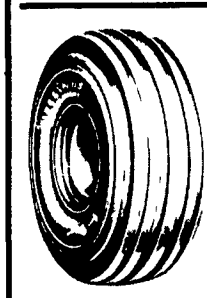

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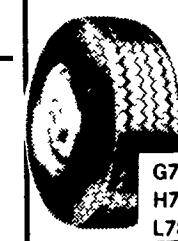

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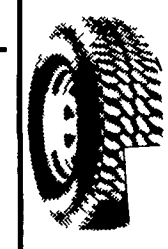
700x15, 8 Ply	$54.95
760x16, 8 Ply	$58.09
G78x15, 6 Ply	$49.95
H78x15, 6 Ply	$54.95
L78x15, 6 Ply	$59.95

TOUGH ON THE ROAD TOUGH IN THE TRENCHES!



FIRESTONE ATX RADIAL 23°™

(Limited Supply Only)

235/15 R15 Black Extra Load	$54.95
235/75R15 White Letters	$59.95
P195/75 R15 Black	$34.95

TOUGH AS ITS NAME FOR ALL ARLUND TRACTION!

FIRESTONE STEELTEX RADIAL 23°™

P215/85 R16 8 Ply	$89.95
P235/85 R16 8 Ply	$109.00
700 R15, 8 Ply	$84.95
700 R16 8 Ply	$99.95

FIRESTONE STEELTEX RADIAL RTH™

215/85 R15 8 Ply	$79.95
235/85 R16 8 Ply	$89.95
HR78x15 6 Ply	$77.77
LR78x15 6 Ply	$84.95
875x16 5 8 Ply	$89.95
950/16 5, 8 Ply	$99.95
750/16 8 Ply	$89.95

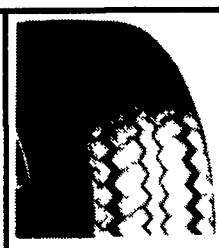
FIRESTONE STEELTEX RADIAL ASR™

215/85/16, 8 Ply	$89.95
235/85/16, 8 Ply	$89.95
HR78x15 6 Ply	$79.95
LR78x15 6 Ply	$89.95
875x16 5 8 Ply	$94.95
950x16 5, 8 Ply	$104.95
750x16 8 Ply	$104.95

Town & Country® Light Truck Tire

Put It To Work For You And Save

700x15, 6 Ply	$51.95
700x15, 8 Ply	$61.95
750x16, 8 Ply	$67.95
G78x15, 6 Ply	$57.95
H78x15, 6 Ply	$65.00
L78x15, 6 Ply	$69.50



Transport APS TRUCK & TRAILER TIRE

825x20, 10 Ply	$109.00
900x20, 10 Ply	$125.00
1000x20, 12 Ply	$170.00
1000x22, 12 Ply	$185.00
11-22.5, 12 Ply	$199.00
11-24.5, 12 Ply	$209.00

Super All Traction ND™ TRUCK TIRE

825x20, 10 Ply	$123.00
900x20, 10 Ply	$145.00
1000x20, 12 Ply	$199.00
1100x20, 12 Ply	$229.00

We Install Tires On Your Farm

- Centre Hall • Williamsport
- Sunbury • Allentown
- North Penna. • New Jersey
- Northern Maryland

We Stock COMBINE TIRES

See Us At Ag Progress Day For Special Prices!

Route 230 West

MUMMAU FIRESTONE

Mt Joy, PA

Serving Farmers In Penna. New Jersey Northern Maryland and Delaware

Out Of State 717-653-1260 In Penna. 1-800-222-1729

ARMSTRONG
FARM MUSCLE

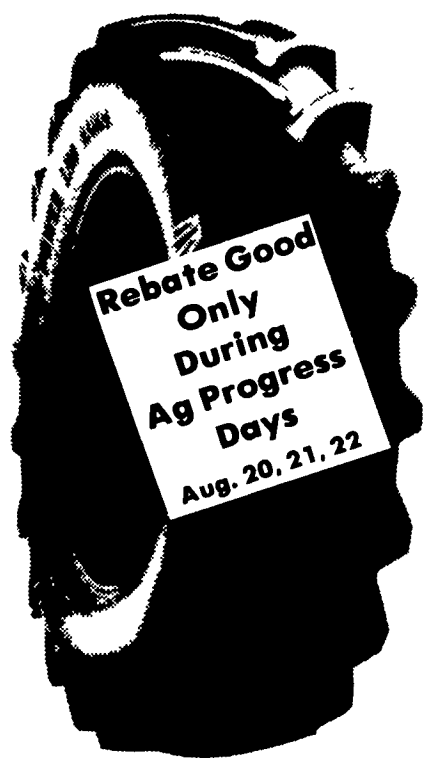
For Special Tire Values...

All Orders During Ag Progress Days Over $250 Delivered Free To Your Farm!

(Orders Under $250...Only A Small Extra Fee)

We Install Tires On Your Farm
- Centre Hall • Williamsport
- Sunbury • Allentown
- North Penna. • New Jersey
- Northern Maryland

Ask About Our 4 Year Guarantee On Rear Tires
Strongest In The Country



Armstrong's
All American REBATE

Get $150 in U.S. Savings Bonds when you move up to Armstrong Tractor Radials.

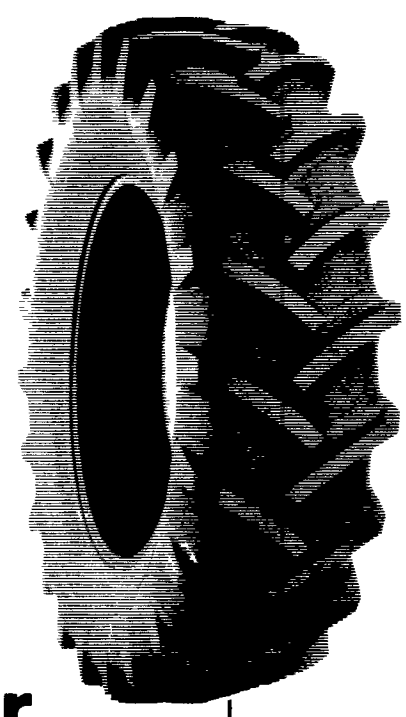
UNITED STATES SAVINGS BOND

Buy a pair of Super Hi Power Lug Radial tires and Armstrong will send you $150 in U.S. Savings Bonds

SUPER HI-POWER LUG RADIALS!

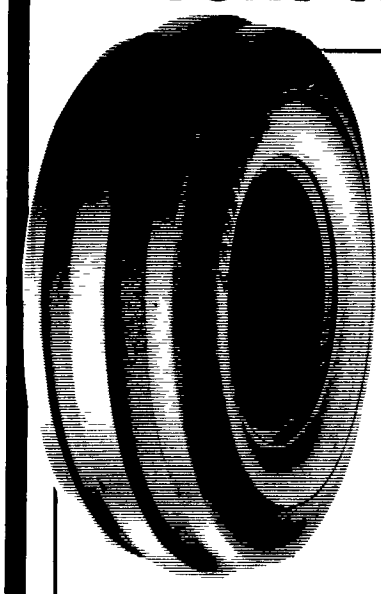
18 4R34 6 Ply	$399 00
16R38 6 Ply	$429 00
18 4R38 6 Ply	$459 00
18 4R38 8 Ply	$529 00
20R34 8 Ply	$639 00
20 8R38 8 Ply	$649 00
20 8R38 10 Ply	$699 00

Hi Power Lug



11 2x24	4 ply	100.00
14 9x24	4 ply	150.00
14 9x24	6 ply	165.00
14 9x24	8 ply	190.00
16 9x24	6 ply	190.00
16 9x24	8 ply	210.00
14 9x26	6 ply	172.00
18 4x26	6 ply	235.00
23 1x26	8 ply	525.00
11 2x28	4 ply	115.00
12 4x28	4 ply	130.00
13 6x28	4 ply	145.00
13 6x28	6 ply	160.00
14 9x28	4 ply	160.00
14 9x28	6 ply	175.00
16 9x28	6 ply	220.00
16 9x28	8 ply	240.00
16 9x30	6 ply	230.00
18 4x30	6 ply	270.00
23 1x30	8 ply	650.00
24 5x32	10 ply	750.00
16 9x34	6 ply	255.00
18 4x34	6 ply	299.00
18 4x34	8 ply	325.00
20 8x34	6 ply	459.00
20 8x34	8 ply	510.00
23 1x34	8 ply	689.00
11 2x38	4 ply	140.00
12 4x38	4 ply	168 00
13 6x38	4 ply	179 00
13 6x38	6 ply	198.00
14 9x38	6 ply	224 00
15 5x38	6 ply	225 00
16 9x38	6 ply	279.00
18 4x38	6 ply	325.00
18 4x38	8 ply	365.00
20 8x38	8 ply	510 00

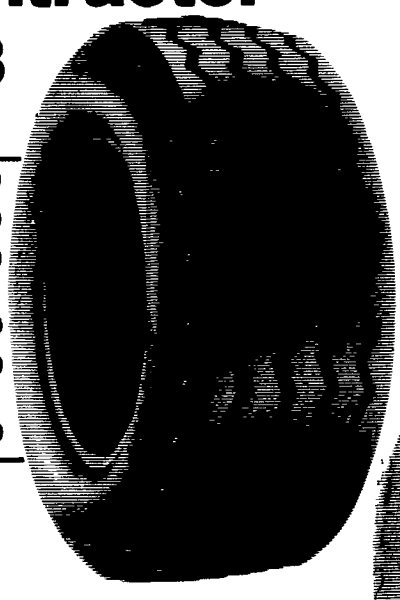
Front Tractor



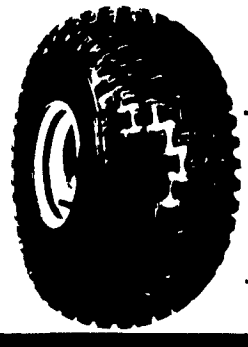
400 12	$22.00
400 15	$24.00
500 15	$31.00
550 16 4 ply	$33.00
550 16 6 ply	$36 00
600 16 4 ply	$37.00
600 16 6 ply	$41.00
650 16 6 ply	$42.00
75L 15 6 ply	$50.00
750 16 8 ply	$54 00
750 16 6 ply	$50 00
750 18 6 ply	$64.00
9 5L 15 6 ply	$55.00
9 5L 15 8 ply	$60.00
1000 16 6 ply	$80.00
11Lx15 8 ply	$75.00
1100 16 8 ply	$110.00
14L 16 1 8 ply	$160 00

Above Tires Shipped UPS - No Charge!

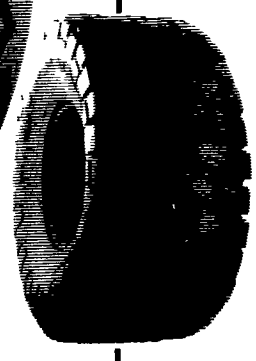
Contractor F-3



11Lx15 8 ply	$80 00
11Lx16 8 ply	$92.00
11Lx16 10 ply	$98 00
750 800x16 10 ply	$80 00
11Lx16 12 ply	$130 00
145 75 16 1 10 ply	$225 00



22x11.00-8	$38.01
25x12-9.	$54.71
18x950-8	$30.65



8 3x24	$95.00
9 5x24	112.00
14 9x24 6 ply	195.00
16 9x24 6 ply	210.00
18 4x16 1 6 ply	245.00
18 4x26 6 ply	340.00
11 2x28 4 ply	152.00
13 6x28 6 ply	225.00

Used Grass Tires In Our Stock

Route 230 West

MUMMAU TIRE

Mt. Joy, PA.

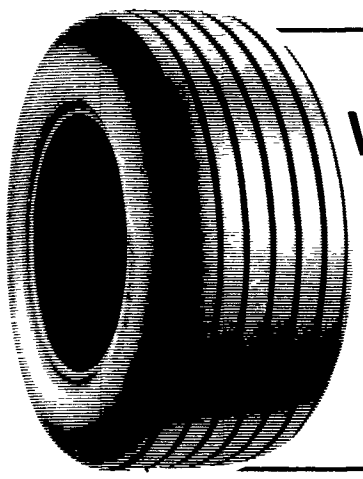
Serving Farmers In Penna. New Jersey Northern Maryland and Delaware

Out Of State 717-653-1260 In Penna. 1-800-222-1729

Ask About Our Special Mounting Prices!

See Us At Ag Progress Days

ARMSTRONG
WE GO THE EXTRA MILE



Wagon Tires

Subtract $5.00 Ag Progress Special

We Ship To You UPS!
• No Charge

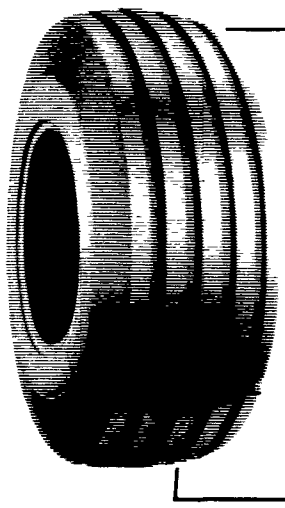
26 1200x12 4 ply	49 00
8 51x14 6 ply	41 00
9 5Lx14 6 ply	44 00
9 5Lx14 8 ply	49 50
11Lx14 6 ply	49 00
9 5Lx15 6 ply	42 00
9 5Lx15 8 ply	44 00
11Lx15 6 ply	43 00
11Lx15 8 ply	47 00
11Lx15 8 ply tubeless	50 00
11Lx16 8 ply	58 00
11Lx16 10 ply tubeless	74 00
12 5Lx15 10 ply	75 00
12 5Lx16 14 ply	85 00
14Lx16 1 12 ply	140 00
16 5Lx16 1 10 ply tubeless	160 00

MIRACLE EXTRA TRACTION WIDE BASE NYLON CORD TUBELESS

650x16, 6 ply	*48.88
700x15, 6 Ply	*50.00
700x16, 6 Ply	*52.00
750x16, 8 Ply	*70.00
700x18, 6 Ply	*87.00
750x20, 10 Ply	*100.00
825x20, 10 Ply	*110.00
900x20, 10 Ply	*129.00
1000x20, 10 Ply	*165.00
10-15, 6 Ply	*72.00
12-15, 6 Ply	*95.00
800-16 5	*65.00
875x16 5, 8 Ply.	*69.95
950x16 5, 8 Ply	*78.88
10-16.5, 8 Ply	*89.90
12-16 5, 8 Ply	*99.00

Above tire shipped to you free under 70 lbs

ARMSTRONG



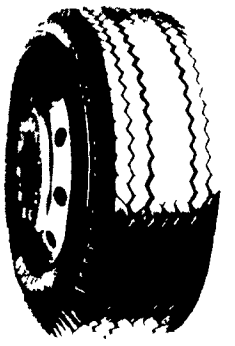
1100x16 12 Ply Tube Type **$135**

1100x16 12 Ply Tubeless **$150**

Small Rear Farm

750x20	4 ply	59.95
750x24	4 ply	64.95
8 3x24	4 ply	79.00
9 5x24	4 ply	84.00
11 2x34	4 ply	135.00
11 2x36	4 ply	137.00
12.4x36	4 ply	165.00
13 6x36	4 ply	189.00

ARMSTRONG SD-200 NYLON TUBE TYPE



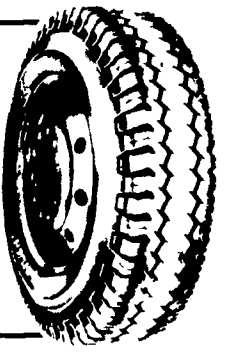
650x16, 6 Ply	*44.00
700x15, 6 Ply	*46.00
700x16, 6 Ply	*50.00
750x16, 8 Ply	*60.00
750x16, 10 Ply	*75.00
700x18, 8 Ply	*75.00
10-15, 6 Ply	*66.00
800x16 5, 8 Ply	*60.00
875x16 5, 8 Ply	*65.00
950x16 5, 8 Ply	*73.00
10-16.5, 8 Ply	*79.00
12-16 5, 8 Ply	*93.00

ARMSTRONG

Loader-Dozer

★ TUBELESS ★	
16 9x24 8 ply -	$265.00
16 9x24 10 ply -	$330.00
17 5Lx24 6 ply -	$240.00
17 5x24 8 ply -	$270.00
15 5x25 12 ply -	$320.00
17 5x25 12 ply -	$445.00
★ TUBE TYPE ★	
14 9x24 6 ply -	$200.00
14 9x24 8 ply -	$220.00
16 9x24 6 ply -	$220.00
16 9x24 8 ply -	$235.00
16 9x24 10 ply -	$280.00
17 5Lx24 8 ply -	$240.00
16 9x28 8 ply -	$260.00
18 4x28 10 ply -	$340.00
20.5x25 12 ply -	Call For Quote
23.5x25 16 ply -	
1300x24 10 ply -	$225.00
1300x24 12 ply -	$245.00
1400x24 10 ply -	$255.00
1400x24 12 ply -	$280.00

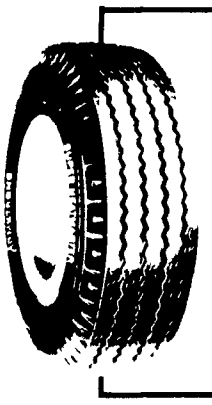
ARMSTRONG PREMIUM SILENT LUG



900x20, 10 Ply	*140.00
1000x20, 12 Ply	*165.00
1000x22, 12 Ply	*175.00
1100x20, 12 Ply	*180.00
11-22 5, 12 Ply	*175.00
11-24.5, 12 Ply	*185.00

Plus all taxes

ARMSTRONG SUPER HEATMASTER



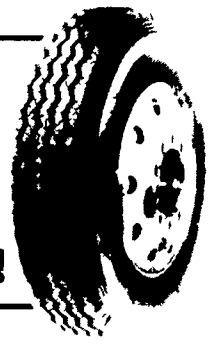
750x20, 10 Ply	*77.00
825x20, 10 Ply	*95.00
900x20, 10 Ply	*110.00
900x20 12 Ply	*120.00
1000x20, 12 Ply	*145.00
1100x22	*165.00
11-22 5, 12 Ply	*175.00
11-24 5, 12 Ply	*185.00

Plus all taxes

Radial Armstrong TRUCK TIRES

$20.00 OFF

During Ag Progress Days!



Skid Loader Tires

700x15 6 ply	$65 00
750x15 6 ply	$68 00
10 16 5 6 ply	$80 00
12 16 5 8 ply	$120 00
Steel Shield	
10 16 5 6 ply	$95 00

Above Tires Shipped To You FREE

Route 230 West

MUMMAU TIRE

Mt. Joy, PA.

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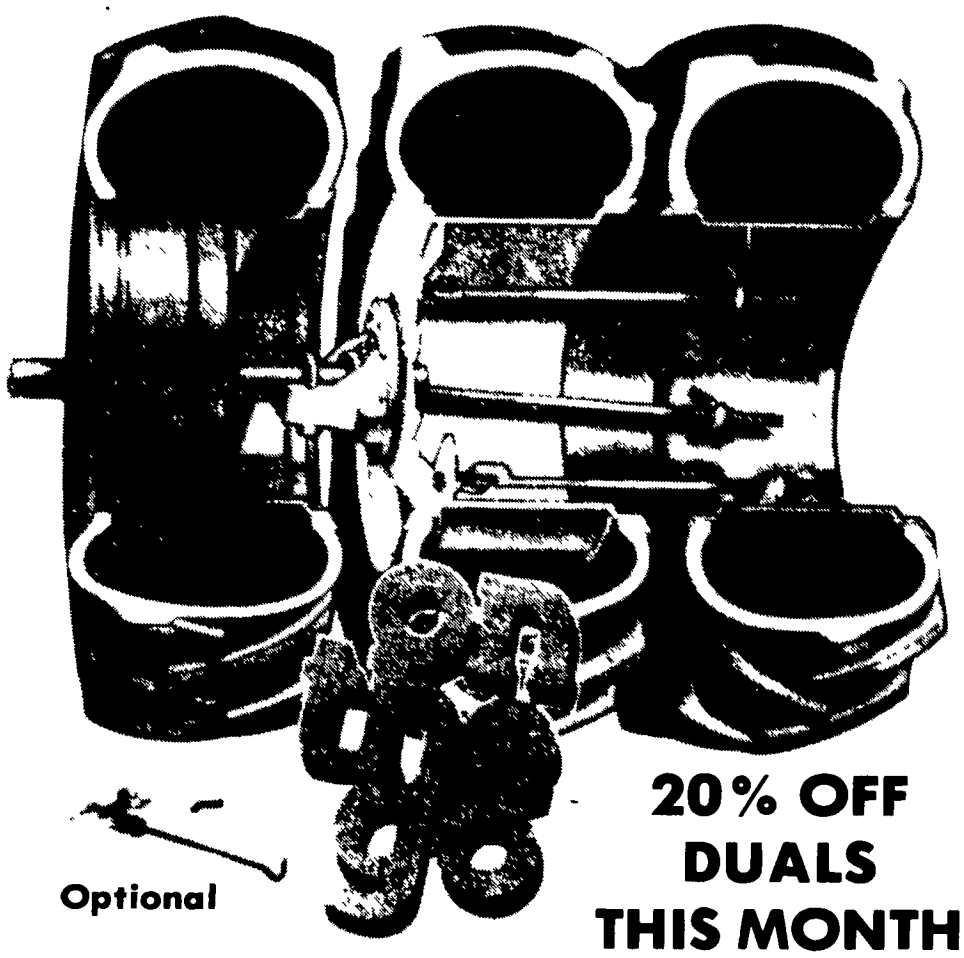
Out Of State 717-653-1260 In Penna. 1-800-222-1729

See Us At Ag Progress Days And Save!...

the strongest, most reliable and easiest to install...



20% OFF DUALS THIS MONTH

M & W DUAL SUPER LOCK II

Tire	Price	Discount	You Pay	
18.4x30	$650	$130	$520	(12J-Bolts)
18.4x34	$620	$130	$490	(12J-Bolts)
18.4x38	$630	$140	$490	(12J-Bolts)
20.8x38	$790	$190	$600	(16J-Bolts)
20.8x34	$780	$170	$610	(16J-Bolts)

Above Duals Are The Strongest Clamp-On Dual Available, Snap-On Also Available.

★ 10-Hole Dual Axle Available At 20% Discount Now
★ All Duals Shipped To Your Farm Free This Month!

SAFE MARK BLEMISHES
This Week -
EXTRA 10% OFF

20.8x38, 10 Ply	$575.00
23.1x30, 10 Ply	$725.00
23.1x26, 10 Ply	$575.00
18.4x34, 8 Ply	$350.00
18.4x34, 6 Ply	$299.00
18.4x30, 6 Ply	$250.00
13.6x28, 4 Ply	$145.00
11.2x38, 4 Ply	$140.00

★ 3 Rib Front ★

400x15	$27.00
400x19	$30.00
500x15	$32.00
650x16	$46.00
95Lx15	$79.00

★ Truck Tires ★

11-24.5, HSR Summer	$197.50
1000x22, HSR Summer	$176.00

FIRESTONE BLEMISHES

(1) 28Lx26, 10 Ply	$550.00
(2) 16.9x26, 10 Ply	$225.00
(2) 23.1x30, 10 Ply	$600.00
(4) 20.8x38, 8 Ply Radial	$550.00
(4) 20.8x38, 10 Ply Radial	$600.00
(2) 16.9x38, 6 Ply Radial	$375.00

GOODYEAR 1st QUALITY

(2) 28Lx26, 10 Ply Dyna Torque	$650.00
(2) 12.4x36, 10 Ply	$175.00
(2) 18.4x42, Take Off	$300.00
(4) 14.9x38, 6 Ply Power Torque	$170.00

BRAND NEW RADIAL TRACTOR TIRE SALE

Ag Progress Specials Cash Only!

12.4R28, 6 Ply	$199.95
14.9R28, 6 Ply	$249.95
16.9R28, 8 Ply	$299.00
16.9R30, 8 Ply	$300.00
16.9x34, 6 Ply	$334.00
18.4R34, 8 Ply	$429.00
20.8R34, 8 Ply	$575.00
20.8R34, 10 Ply	$595.00
13.6R24, 8 Ply	$249.00
13.6R38, 8 Ply	$289.95
16.9R38, 8 Ply	$399.00
18.4R38, 8 Ply	$479.00
20.8R38, 8 Ply	$565.00
20.8R38, 10 Ply	$599.00

NO NAME RADIALS

16.9x28, 8 Ply	$220.00
13.6x38, 8 Ply	$199.95
20.8x34, 8 Ply	$434.00
20.8x38, 8 Ply	$450.00
16.9x28, 6 Ply (Bias)	$185.00

Special Ag Progress Installation Price...Call For Quote!

★ Above Prices Are Sold For Cash. Delivered To Your Farm Any Place Within 50 Miles of Allentown, Pa., New Jersey, Harrisburg, Lancaster, Williamsport, Center Hall and Baltimore, Md.! Installation Available In These Areas - Call For Quote!

Attention - Off Roaders
Discover Quality... Performance and Save Money with...

ARMSTRONG

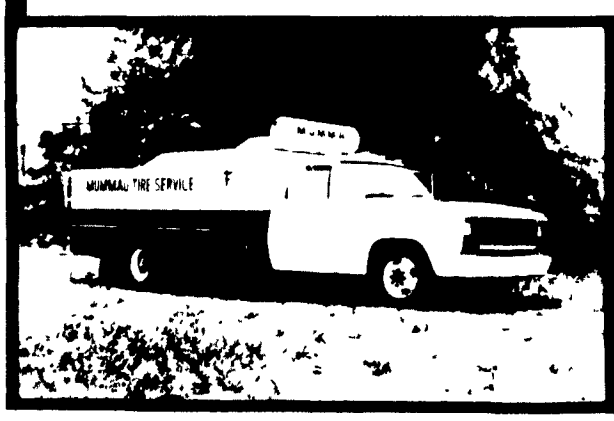
NORSEMAN TREDLOC® RADIALS

Our toughest off-roader features the patented Tredloc® woven belt for extended life. Using Kevlar® Aramid, a fiber pound for pound 5 times stronger than steel, Tredloc virtually eliminates the failures due to belt-edge separation.

* Dupont's registered trademark

Size	Price
27x8.50R14LT	$69.95
30x9.50R15LT	$84.95
31x10.50R15LT	$105.95
33x12.50R15LT	$124.95
33x12.50R16.5LT	$129.95

We can take care of all your tire needs... car, truck or tractor. Thousands of tires in stock. Call!



Route 230 West

MUMMAU TIRE

Mt. Joy, PA.

Serving Farmers In Penna. New Jersey Northern Maryland and Delaware

Out Of State 717-653-1260 In Penna. 1-800-222-1729

dhia
Pennsylvania Dairy Herd Improvement Association

CUMBERLAND COUNTY DHIA Monthly Report

June, 1985

Owner	Brd.	No Cows		Lbs Milk	Lbs Fat
Kenneth Zeigler&Sons	3	50	92	19,673	736
Ashcombe Dover Dairy	B3	175	87	19,205	*684
Nevin Shughart	B3	30	88	18,757	681
Sundays Vallilea Farms	B3	177	90	19,395	679
M Thomas Sheaffer	3	57	84	18,914	679
Carl Kelso Jr	B3	58	91	18,425	677
J David Martin	B3	43	87	18,601	672
Alfred Gaisler	B3	45	87	18,531	671
Milk Way Farms	B3	151	88	17,657	669
David E Gettle	B3	53	85	17,225	662
Clifford Chamberlin	3	37	89	16,926	651
Norman Hertzler	3	35	87	20,201	649
Fred B McGillvray	3	35	88	17,326	632
Marlin Miller & Sons	B3	36	86	17,151	632
Ashcombe Farms	B3	189	85	17,490	631
Leroy Showaker & Son	3	83	85	17,024	630
George P Wickard	B3	37	90	18,479	628
John F Stoltzfus	B3	46	86	18,285	626
Lee A Hoover Jr	B3	36	91	16 623	622
Robee Acres	3	103	87	17 478	620
Lee Davidson	3	62	87	16 925	620
Herbert B Shughart	3	27	88	17,111	616
Donald M Leatherman	B3	37	88	17 294	615
Chester C Weaver	B3	74	90	16 427	615
Daniel L Martin Jr	B3	60	84	18 332	613
J Shephard Wolff	3	46	89	17 310	612
Ed Brackbill R Yost	B3	63	87	15 680	609
Leon N Reiff	B3	37	85	16 535	607
D Clinton Sauder	B3	47	88	17 058	605
Samuel D Shenk	B3	62	88	16 979	605
Freshair Dairy Farmk	3	29	89	17 316	604
Berkheimer Farms	B3	146	85	16 698	604
Donald & Dave Lehman	3	56	88	17 071	603
Allen B Martin	G3	42	88	16 552	603

Indicates 3 times a day milking

Owner Name or No	Brd	Age	Lbs Milk	Lbs Fat
M Thomas Sheaffer				
Ginger	3	6	24 529	927
Francis Mains				
101	B3	4	19 516	880
Kenneth Zeigler Sons				
Allen	3	6	22 142	87/
Creedin C Cornman				
Twinks	3	5	19 042	835
Carl Kelso Jr				
126	B3	5	20 527	821
45	3	5	18 995	793
Otto Brothers				
246	B3	5	19 332	790
Ashcombe Farms				
96	B3	4	16 598	778
Francis Mains				
28	B3	5	17 754	773
Kenneth Zeigler Sons				
Alert	3	7	19,704	772
Bradley C Beidel				
55	3	2	19 066	772
Carl Kelso Jr				
107	3	7	23,636	763
David E Gettle				
Soni	B3	5	17,746	758
Paul Strock				
Sally	3	6	21 626	754
Ashcombe Farms				
257	3	5	17,937	751
Berkheimer Farms				
77	B3	6	18,693	748
Ashcombe Dover Dairy				
31	B3	7	17,694	748
Glenn Newswanger				
24	B3	5	15 884	737
Bradley C Beidel				
120	3	3	16,768	733
Fred B McGillvray				
Esty	3	4	20,253	729
Kenneth Zeigler Sons				
Aaggie	3	9	18,565	727
Ashcombe Farms				
397	3	4	22 779	721
Norman Hertzler				
Boots	3	2	18 935	720
Neflan Farm				
34	3	5	19 763	719
Milk'Way Farms				
134	3	2	19 454	719

Indicates 3 Times A Day Milking

Otto Brothers				
246	5	19 332	4 1	790
Norman Hertzler				
Boots	2	18 935	3 8	720
JB Brymesser&Sons				
442	4	17 986	3 9	707
448	4	16 935	4 0	683
457	4	24 580	2 7	664
Creedin C Cornman				
Twinks	5	19 042	4 4	835
Mistle	4	20 171	3 2	651
Ashcombe Farms				
96	4	16 598	4 7	778
257	5	17 937	4 2	751
397	4	22,779	3 2	721
245	5	15 749	4 6	717
131	6	17 325	4 1	714
25	6	21 131	3 1	660
350	5	16 958	3 9	659
Roy L Miller				
12	6	18 235	3 9	712
Paul Strock				
Sally	6	21 626	3 5	754
Peace	3	17 142	4 1	695
J Glenn Glesner				
6	5	15 464	4 5	701
Milk Way Farms				
134	2	19 454	3 7	719
64	2	14,156	4 8	685
68	3	19,104	3 5	672
David E Gettle				
Soni	5	17 746	4 3	758
Nellie	3	17 840	3 9	695
D Clinton Sauder				
Anita	5	22 051	3 1	677
Fred B McGillvray				
Esty	4	20,253	3 6	729
J Shephard Wolff				
Major	7	21,172	3 4	712
Ashcombe Dover Dairy				
31	7	17,694	4 2	748
R260	2	15,320	4 6	698
145	4	19,252	3 6	692
R219	3	18,487	3 7	687
417	2	16,642	4 0	670
Carl Kelso Jr				
126	5	20 527	4 0	821
45	5	18 995	4 2	793
107	7	23 636	3 2	763
Chester C Weaver				
Ginger	5	17 951	3 9	695
Oscar Nealy&Sons				
69	6	17 583	4 0	709
L Dorell&Bev Agar				
Poly	5	19 166	3 4	660
Berkheimer Farms				
77	6	18 693	4 0	748
50	3	15 584	4 3	664
5	3	17 002	3 9	661
24	5	14 642	4 5	660
Stambaugh Farms				
114	4	17 799	3 8	678
Kenneth Zeigler Sons				
Allen	6	22 142	4 0	877
Alert	7	19 704	3 9	772
Aaggie	9	18 565	3 9	727
Mervin E Ruppert				
Elva	5	21 184	3 2	683
Francis Mains				
101	4	19 516	4 5	880
28	5	17 754	4 4	773
Marlin Miller&Sons				
60	7	23 151	3 0	688
Glenn Newswanger				
24	5	15 884	4 6	737

Turn to Page D31)

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TUNKHANNOCK – ALLIED GENES is a new name in the artificial insemination (A.I.) industry. Three major A.I. organizations, Sire Power, Noba and KABSU, recently entered into a marketing agreement, effective July 1, 1985, to operate under the new name of ALLIED GENES. The name symbolizes the alignment of a marketing exchange which provides a "link for progress" in genetics for dairy and beef producers.

The goals of the ALLIED GENES group are three-fold. First, to provide a wide selection of top A.I.-proven and progeny-proven sires at a reasonable cost. Second, to increase efficiency of operations for each organization by acting as distributors in each other's respective sales and service areas. And third, to cooperate and develop the high protein breeds in each organization for future marketing.

Under the new agreement, each organization will maintain its current membership, continue its respective sire programs, and maintain all production laboratories and housing facilties. All previous exchange agreements of these companies have been replaced by ALLIED GENES. However, U.S. Genes will continue to market semen in the western states, and World Wide Sires continues to market internationally.

ALLIED GENES is "Linked for Progress" to meet the genetic demands of the future. Through the three independent sampling programs of ALLIED GENES' members, 150 dairy young sires are progeny tested each year. These highly selected young sires will assure ALLIED GENES' customers semen availability of future top A.I. proven sires.

The combined ALLIED GENES line-up offers top production, type and profit-oriented sires for any dairyman's herd. There are currently 20 Holstein sires over plus 100 PD dollar value. In addition to the high ranking Holstein sires, a wide selection of total value sires in the high protein breeds are also available.

ALLIED GENES - "Linked for Progress" - is committed to developing and supplying superior genetics to all dairy and beef producers throughout the United States and the world.

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Sulbra DHIA Monthly Report

Pennsylvania Dairy Herd Improvement Association

MAY, 1985

Rolling Herd Average Above 650 Lbs Butterfat

Owner	Brd	No Cows	Days In Milk	Lbs Milk	Lbs Fat
Montour					
Clifford A LeVan	RH	19 4	87 1	17 355	736
Carl R Slater & Son	RH	33 3	87 9	19 431	728
PA Dept of Agri	R&GrH	109 9	84 8	17 530	693
Mar Ja Farm	RH	136 7	87 6	16 488	664
Northumberland					
Shoch Manor Farms	R&GrH	116 2	87 4	21 903	783
Truckenmiller Farms	R&GrH	59 6	87 8	19 127	715
RMD Shultz Farms	R&GrH	82 0	88 9	18 266	658
Snyder					
HL Narehood & Sons	R&GrH	57 2	88 6	19 160	788
David T Ulmer	R&GrH	63 6	86 8	20 963	771
David Apple & Son	R&GrH	58 6	88 5	18 454	764
Timothy L Hackenberg	RH	41 4	89 0	19 078	761
Urie & Dan Yoder	RH	52 3	89 0	20 184	761
Glenn & Barb Carper	R&GrH	57 5	87 0	20 252	760
Jesse J Yoder	R&GrH	66 7	88 4	19 788	751
Randiph A Hoffman	R&GrH	32 8	84 4	20 725	737

Cumberland Co. DHIA

(Continued from Page D29)

Neflan Farm				
34	5	19 763	3 6	719
Bubbling Spring				
Sallie	6	16 698	4 1	684
Leon N Reiff				
Isabele	3	18,525	3 6	663
Bradley C Beidel				
55	2	19,066	4 0	772
120	3	16,768	4 4	733
457	8	18,931	3 6	675
M Thomas Sheaffer				
Ginger	6	24,529	3 8	927
Mint	2	21,632	3 1	677
Robert Margaret Smith				
Dixie	3	19 491	3 5	689
Donald M Leatherman				
Angel	6	18 793	3 6	682
Mains Acres				
4090	3	16 136	4 1	654
Dale Hornberger	R&GrH	30 6	80 8	19 435	707
J & G Blank	R&GrH	49 5	87 2	18 803	703
Pasture Green Farm	R&GrH	34 0	84 4	18 781	691
Mark S Hostetler	R&GrH	36 6	86 3	17 494	689
Fisherdale Farm	R&GrH	70 1	93 8	18 262	683
Michael & Deb Ewing	R&GrH	38 2	87 2	18 010	682
Clayton R Graybill	RH	51 2	89 2	16 771	668
Sauderdale Farm	R&GrH	48 9	87 8	17 365	659
D & N Hornberger	R&GrH	21 7	84 0	16 734	658
Union					
Clarence W Beiler	RH	66 0	89 2	19 515	810
Wood Ann Farm Inc	R&GrH	29 9	92 1	19 436	753
John F Stoltzfus	R&GrH	49 0	89 3	19 421	743
Jacob S Stoltzfus	RH	48 6	88 4	19 738	735
Ben S Yoder	RH	39 8	87 0	18 434	733
Locust Row Farm	R&GrH	51 5	91 1	18 761	719
Amos J Zook	R&GrH	48 9	86 6	18 539	681
Peachey Bros Dairy	R&GrH	48 4	84 9	18 039	674
Ridge Creek Farm	RH	45 0	87 5	18 837	673
San Be Farms	RH	49 7	84 9	18 144	671
Eugene Spangler	R&GrH	79 5	88 9	16 609	663
Hemlock Mdw Farm	R&GrH	51 3	85 4	17 106	661
Elam Beiler	RH	47 9	88 6	16 019	658
Mark A Mapes	R&GrH	31 2	85 2	17 182	657
Jonas R Zeiset	R&GrH	43 2	88 1	17 806	652

Lactations Finished Over 750 Lbs Butterfat

Owner Name or No	Age	Days In Milk	Lbs Milk	% Fat	Lbs Fat
Montour					
JA DA Land					
Bottom	5 8	305	17 359	4 4	771
Mar Ja Farm					
Candy	3 9	305	20 955	3 6	758
Blossom	3 10	305	20 906	3 8	800
Spunk	3 3	305	17 151	4 5	764
Limestone Run Farm					
62	6 10	297	22 163	3 9	864
20	2 5	305	19 766	3 8	758
Northumberland					
Jerry Smith					
Heidi	4 2	305	20 474	3 8	786
Ernest L Wolfe					
Barbie	6 6	305	21 934	3 8	826
21	4 4	305	20 177	3 7	751
Buckwalter Brothers					
Ilene	9 4	305	23 670	3 3	770
RMD Shultz Farms					
Suds	2 9	305	20 348	4 0	824
Shoch Manor Farms					
247	5 4	305	25 247	3 5	881
43	3 7	300	23 593	3 8	897
200	3 2	305	23 138	3 6	836
Fred & Tom Strouse					
Spot	5 8	305	18 717	4 2	782
Snyder					
Fisherdale Farm					
Fritzy8	2 7	305	17 027	4 5	773
Mabarbil Farms					
Rinkle	3 8	305	16 564	4 7	780
Kenneth Alderfer					
Rita	4 3	305	21 118	4 0	835
41	3 0	305	19 297	3 9	760
Timothy L Hackenburg					
148	6 10	305	23 906	3 7	894
150	6 8	305	20 903	4 3	905
N L Narehood & Sons					
Twila15	7 1	305	23 011	4 2	960
Tneda44	5 10	305	19 375	4 0	770
Pasture Green Farm					
Anise7	8 4	305	23 555	4 3	1013
Glenn & Barb Carper					
Jean88	2 4	305	19 147	4 1	785
David T Ulmer					
Lady 8	5 0	305	23 772	3 6	866
Eve 24	4 9	305	24 528	3 8	927
Deann71	4 2	296	22 217	3 7	830
Mark S Hostetler					
Jewel62	4 2	305	19 081	4 2	800
Grand Scenery Farm					
Janet	6 11	305	20 984	3 6	761
Jesse J Yoder					
Adora98	3 0	305	23 486	3 3	769
Union					
Locust Row Farm					
B158	5 5	305	21 535	4 7	1016
B174	4 3	305	21 544	3 9	830
B218	2 1	305	20 926	3 9	823
Allen Reichley					
50		305	14 972	5 2	774
San Be Farms					
Celeste	4 5	294	17 743	4 3	761
Amos J Zook					
Debra	6 7	301	17 660	4 5	792
John F Stoltzfus					
Bess	8 7	305	22 235	3 4	764
Lois	3 2	305	19 653	4 1	804
Hemlock Meadow Farm					
Sally	4 7	305	19 548	4 4	851
Babe	4 1	305	19 532	4 2	813
Wood Ann Farm Inc					
Julie	6 4	303	18 787	4 2	784
Juliet	4 2	305	17 271	4 4	759
Melvin K Stoltzfus					
Sandra	4 10	305	22 217	3 5	782
Ben S Yoder					
Mayme	5 5	305	16 867	4 5	753
Blue	3 4	305	20 135	3 9	777
Jacob S Stoltzfus					
Belle17	7 11	305	26 702	3 7	982
Laura	6 9	305	19 991	4 0	794
Ridge Creek Farm					
Nina	4 3	305	26 264	3 0	796
Paul D Stoltzfus					
29	7 6	305	19 154	3 9	753
Peachey Bros Dairy					
42	5 0	296	18 183	4 2	770

CLEARFIELD COUNTY DHIA
June, 1985

Orner Farms Inc	B3	73 0	87 2	19 435	728
John Sankey	3	31 7	86 9	18 804	720
R Wriglesworth&Son	B3	55 3	86 6	18 838	699
Duane Peters	B3	42 7	91 7	18 615	692
Glenn Hicks	B3	62 6	90 0	19 907	673
Lawrence Ecklund	B3	35 5	86 4	17 446	658

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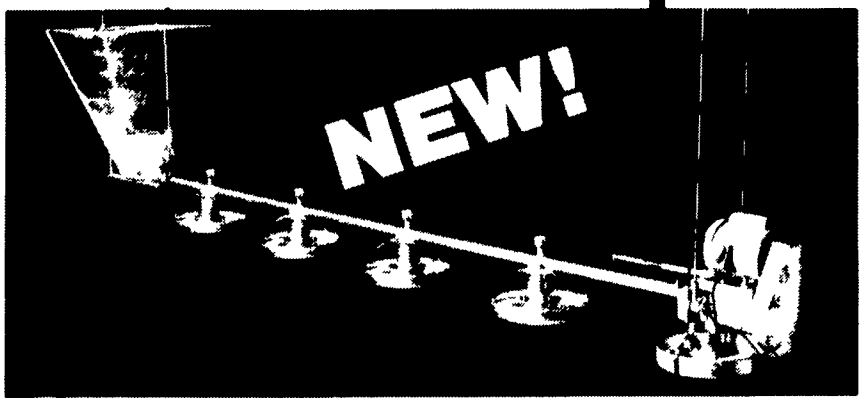

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Benefits of the test are crop yield maximization, crop quality enhancement and reductions in fertilizer cost and run-off.

EM Quant Test Strips are 3-by-¼ inch flexible plastic strips to which ¼ inch square reaction pads are affixed. The reaction pads are sensitized with all the reagents and buffers necessary for analysis.

A color comparison scale, with graduations of 0 - 10 - 30 - 60 - 100 - 250 - 500 mg/L (ppm), is part of the label. The unit of measure also corresponds to mg/kg of nitrate in crops and kg/ha nitrate fertilizer in soil samples.

These convenient relationships permit immediate decisions on top dressing requirements in the field without the need for time-consuming, costly laboratory analysis.

EM Quant Test Strips are used routinely on several continents and have recently attracted the attention of soil scientists in the U.S. Comparative evaluation of results obtained with the test strips and colorimetric laboratory method showed close agreement, between the two methods and among different operators.

The test strips are safe to use and handle especially when compared with the traditional field test that uses Gries Reagent, composed of strong sulfuric acid and carcinogenic alpha-phenylamine.

To determine the nitrate content in crops, a fraction of a drop of sap is squeezed from the petiole or other appropriate part of the plant with the aid of a kitchen garlic press or a pair of pliers and transferred to the reaction pad on the test strip and the color intensity measured after two minutes.

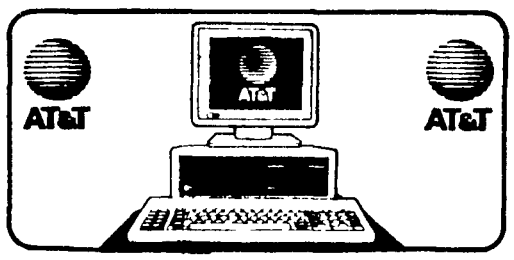
Soil samples are tested in a similar manner after samples have been taken from appropriate locations and depths, diluted with water and stirred thoroughly. Diluted soil samples may be filtered or tested after the soil has settled. Tests can be performed on turbid samples.

To test water in wells, irrigation ditches, lakes and streams merely dip, remove and compare color with comparison scale after two minutes.

Samples with nitrate concentrations in excess of the color comparison scale require dilution or a calibration curve

Other EM Quant Test Strips for the estimation of ammonium, ascorbic acid, calcium, calcium/magnesium, potassium, sulfates and zinc among others are available.

A brochure that describes all EM Quant Test Strips is available from Hawk Creek Lab, Inc., RD 1, Box 686, Simpson Rd., Glen Rock, PA 17327.



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Thursday, August 22, 1985
Pony Races Rides $4.00 for 6:00-11:00
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Law Sawing Contest

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Monday Thru Saturday

Friday, August 23, 1985
6:00 P.M. Band Competition
7:00 P.M. Small Tractor Pull
The Crisamores

Saturday, August 24, 1985
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Open Dog Show
Horse Shoe Pitching
Pony Races
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Horse Show
August 24, 1985
9:00 A.M. Sharp

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Chris and Pete Doeberiener holding NuPulse units at Queen's Manor Holsteins

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Less Cup Fall-Off and Less Mastitis

"We replaced our old milker with NuPulse MLX We're not having any fall-off problems now The MLX milks our cows out clean without machine stripping Udders are more even now We have not had to buy mastitis medication except to dry treat We are very happy with NuPulse

R C Schoemaker Chambersburg PA
48 cows NuPulse MLX since Janaury 1984
Herd average 17000 milk 650 fat

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"We replaced DV300's with NuPulse I have not had any fall-off since Our cows accepted NuPulse easily Milking alone I get 1,000 lbs per hour with 4 units'

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'You can spend more money, but you can't get a better milker"

Donald G Heller Canton PA
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Curt Cassady is available to assist his dealers in all aspects of equipment application installation and service Mr Cassady is well qualified to perform in this capacity having managed a pure bred Holstein herd for a number of years and subsequently has worked in the dairy equipment business for 10 years Mr Cassady can be contacted at 519 Golden St Lititz PA 17543 717/626-1065

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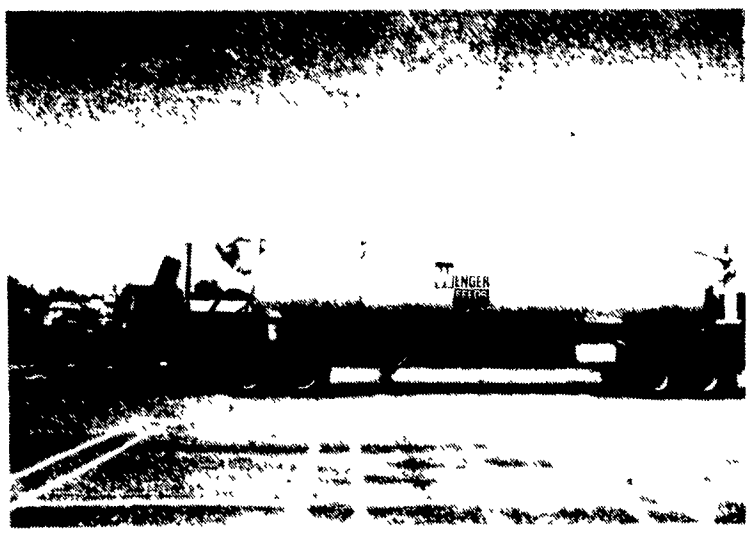

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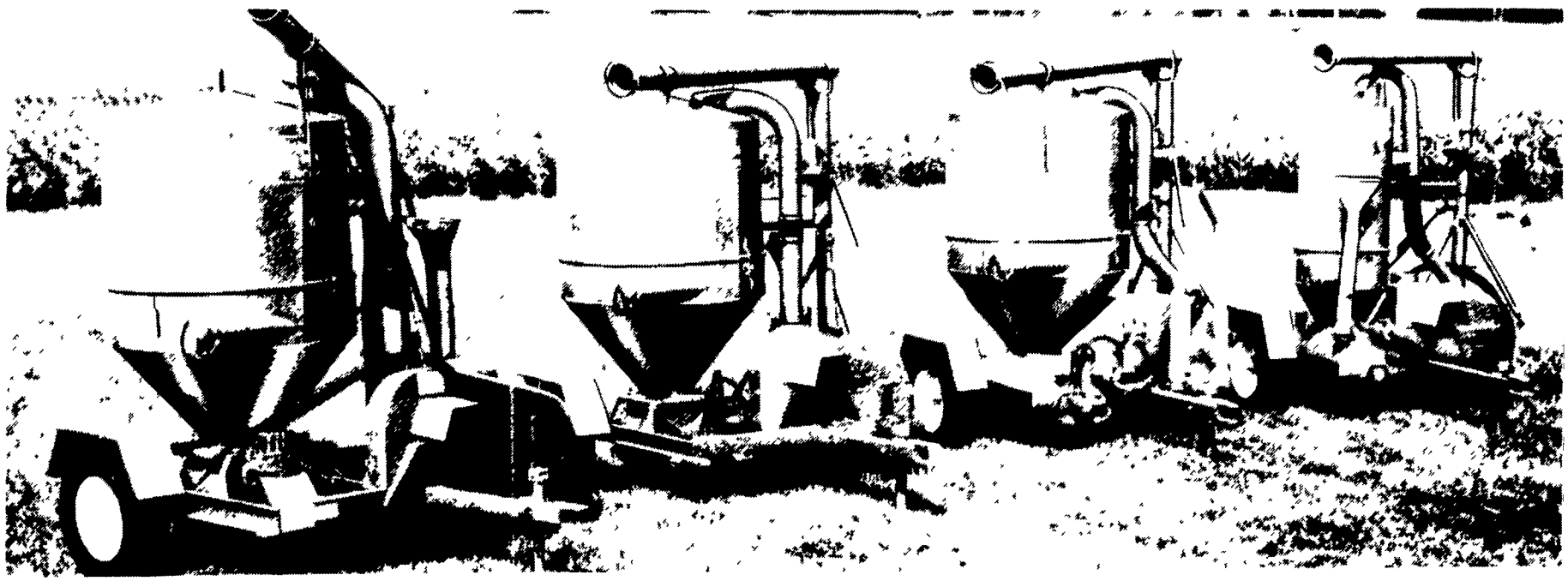

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Corn	Up to 2,600
Wheat	Up to 2,000
Soybeans	Up to 1,800
High moisture corn	Up to 1,200

MODEL 608
For medium sized operations

	BU./HR.
Barley	Up to 1,800
Corn	Up to 1,800
Wheat	Up to 1,500
Soybeans	Up to 1,300

MODEL 506
For small and medium-sized operations

	BU./HR.
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Corn	Up to 1,200
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Farm Talk

by

Jerry Webb

Finding good hired labor

There seems to be a paradox in the farm labor market–farmers who say they can't find good help while there are at the same time good men who say they would like to work on farms.

Perhaps there are many reasons for this. One being the wage rate. Farmers feel they can't pay a man what he could earn on a city job so they're left to pick from the unemployed, the elderly and disabled, and a few qualified men who just won't leave rural America.

For the most part, employers are dissatisfied with the help they can get and are unwilling or unable to pay more for better help. A farmer often must offer a man a wage almost equal to his– even then he may not take the job.

Listen to a few potential hired men talk and you see there is more than money keeping them off the farm. And here we're talking about the one-farmer, one-hired-man operation. In many instances, farmers prove to be very difficult employers. Either they aren't used to having hired help and don't know how to use it or they've been stung by a bad worker and want to make sure it doesn't happen again.

It stands to reason that the average farmer is probably not the best employer. He's a sort of "one man band" who does everything around the farm. No one else can do as much work, fix as many things or operate expensive machines as carefully. Few hired workers measure up regardless of pay rate to the operator in skill, hustle, dedication and farm savvy.

Take the $10 per hour factory worker and put him on a farm and odds are he'll not work out.

On his job, he's expected to do one thing. He can be trained in a day or two, he makes very few decisions, is protected from abuse by union rules, isn't asked to work in rain or bitter cold and doesn't have to worry about emergencies such as loose livestock, a broken irrigation pump, or a hay baler that won't tie.

The factory worker is supported by a battery of experts who fix things that are broken, soothe his jangled nerves when he gets upset and keep his simple job running smoothly.

Compare that with the farm worker who's expected to know fully as much as the boss about everything on the farm. It's not enough for the hired hand to know what he would do in every situation, he must also know what the boss would do. If he guesses wrong, he's in trouble.

In short, to be a good hired man he has to be about as good at farming as the farmer himself. What other career choice demands so much at the starting level? Any man who meets the demands deserves more than the usual farm worker package of so much a month, a house, a place to have a garden and one hog per year.

Maybe there is no answer to the farm labor problem. Obviously, a farmer can't pay more than he earns to a hired man. Nor should he be expected to provide him with a better home than his own. If the employer is scraping to make ends meet, as so many farmers are, it's bound to be hard on the hired help. And maybe farmers in this situation should not expect to be employers.

On the other hand, the farmer who has a fairly large operation and is making money should be able to get the help he needs. I'm convinced that workers are there if farmers can provide the financial base and a reasonable future. A lot of city folk with usable farm skills would still much rather live and work in the country

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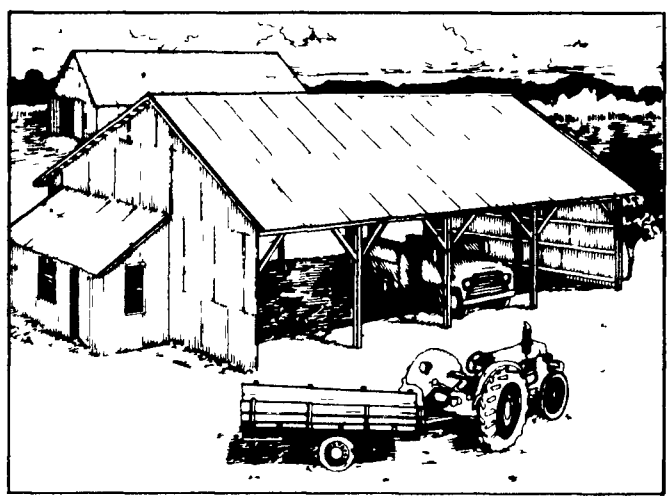

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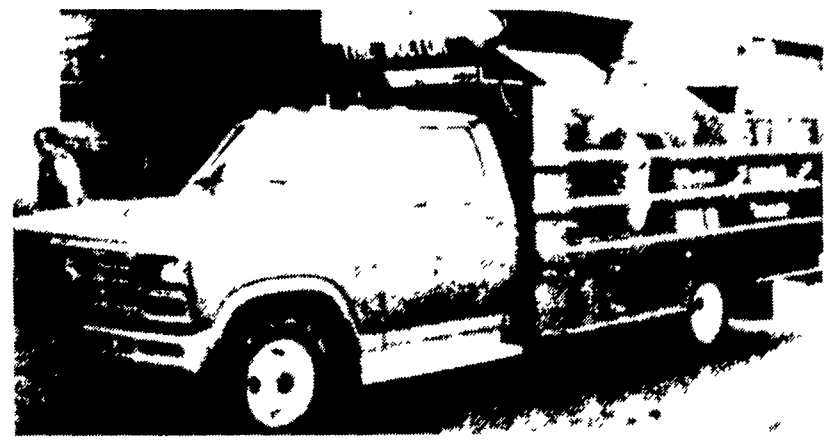

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Research improves farmers' lot in Northern New York

RACINE, WI – First, the bad news: The nationwide trend to less tillage may draw more harmful insects into your neighborhood. The good news is that scientists can tell you almost exactly where and when they'll strike – giving you more options for effective, lower-cost control.

"It's an exciting area we're working with to keep track of these long-time pests in corn and other valuable crops," says Dr. Bill Showers of USDA's Agricultural Research Service (ARS) at Iowa State University.

Also a professor of entomology at Iowa State, Showers has been part of a joint team of scientists from the ARS and agricultural experimental stations the last several years. Their job: Carry out a regional study of migrating insect pests and come up with ways to predict the insects' flight paths and schedules. And there's good reason to obtain answers – migrating insects reduce the value of the U.S. corn crop by untold millions of dollars each year.

Scientists have knwon for years that certain insect pests migrate into major Midwestern crop areas each year from the Gulf Coast and Mexico. What they weren't sure about was whether any of the major pests, such as black cutworm, actually overwintered in northern growing areas. "That was important to know if we were to have a clear understanding of the overall problem," says Showers.

Entomologists at the universities of Missouri and Illinois answered the riddle in a unique way. They erected large, insect-tight cages on fields where normal populations of major pests were known to exist. Insects outside the cages also were observed. As the months passed through fall, winter and into spring, scientists noticed a convincing pattern: No insects of the migratory species were alive inside the caged areas. But as the warm spring winds returned, cutworms could be found in significant numbers in test areas outside the cages.

"From that, we could pretty well conclude that swarms of these major moth-type insects were coming in anew each year, apparently in March and April," says Showers. Additional proof came from migrating insects snared in traps at key locations "That told us when the insects were arriving," says Showers. "And we would be pretty certain that, if these species couldn't survive the winter in the middle of Missouri, they couldn't make it in the major corn-growing areas 300 or 400 miles north of there."

While this groundwork was being laid, other scientists throughout the country were developing bold new methods of actually tracking the infestation levels and flight paths of migrating moth swarms. And at this point, a valuable marriage took place: Entomologists and meteorologists joined forces.

"As a result of these two sciences converging, we've been able to identify certain weather patterns which are highly conducive to the migration of major insect pests," says Showers "Ir fact, by hitching a ride on a fast-moving air mass out of the Gulf, a moth could leave South Texas one evening and arrive in Iowa two or three nights later "

Oddly enough, most of the insects that cause heavy loss to young corn plants and other crops would rather eat weeds, says Showers. "They really don't prefer corn," he says, "but due to our cultural practices, we have taken away their preferred food souce – weeds – and that's made them develop into pests."

And as Showers points out, migrating insect pests may become more of a problem as no-till gains acceptance in major corn-growing areas. "Because of the early flushes of weeds that are left to grow in the no-till fields in many cases, we'll have more serious problems with armyworms and cutworms in some areas," says Showers. "The moths migrating in simply search out fields that have weeds in them This is a trade-off we're making in order to reduce soil erosion."

But as growers continue toward less tillage, these insect tracking programs will offer more options in controlling the pests, Showers believes.

"Knowing where and when these migrating pests will strike can give the operator a lot more confidence in his control methods, no matter what stage his crop may be in at the time," says Showers. "He may be able to remove vegetation, which would attract the moths, by tillage if the crop isn't planted yet and if that's consistent with his cultural practices."

"In some cases, the grower will want to apply a 'rescue' treatment to control the incoming pests. And under some circumstances, the preventive pesticide treatment may still offer the most protection," notes Showers.

"The point is, we know enough of the biology of these insects so that, with this new tracking information, we're getting into a whole new chapter in controlling the pests that have plagued farmers for so long," says Showers. 'And that's got to be a big step in the right direction."

Crop rotation on its way back

WEST CHESTER – One recently neglected conservation practice which is now making a comeback is crop rotation. No-till has caused farmers to lean toward monoculture cropping systems, usually either corn or soybeans in Chester County. While no-till is an effective erosion control practice, yields over several years drop because of hard-to-control weeds, diseases and insects.

At recently held meetings, experts on the subject have advised crop rotations as the most effective means of breaking these insect, weed and disease cycles which reduce crop yields.

Crop rotations consist of alternating row crops such as corn or soybeans with close-growing crops such as small grain or hay. They can be integrated into no tillage systems without much difficulty. They give the farmer more flexibility in income production by having more than one crop to market. Also, because those crop damaging cycles are broken, crop yields are increased

Technicians from the Soil Conservation Service can work out an effective crop rotation for your cropland based on percentage of slope, soil types in the field and the crops you wish to grow. Contact the Soil Conservation Service for more information of farm planning

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Acorn honors Clyde Lutz

Acorn Equipment Corp. of Stevens Point, WI has chosen Clyde C. Lutz Dairy Equipment of Ephrata as one of its 1984 "Hall of Fame" award winners for sales achievement. Above, Clyde Lutz (left) & Art Heisey (Center) receive the award from company President James T. Benzmiller. Membership in the elite group is limited to the twenty dealers who attain the highest sales volume with Acorn during the calendar year.

Renovate no-till pastures

COLUMBIA, MD – No-till pasture renovation is an economical way to boost cattle weight, according to Jim Gerrish, research agronomist at the University of Missouri-Columbia Forage Systems Research Center.

"Cattle can gain 150 to 200 pounds per acre more on newly seeded legumes than on an unrenovated grass pasture," Gerrish says. "At $.60 per pound or so, the gain easily compensates for renovation costs."

Gerrish has several pointers for establishing a good no-till legume pasture:

– Soil test at the top three inches and at three to six inches at least six months before seeding. A good legume stand reqires high phosphorous content in the lower layer and a soil pH of at least 6.7.

– Select a site with good drainage. Rolling hills with high erosion potential are good no-till candidates.

– Get a good burndown in the existing pasture. For spring planting, spray Paraquat+Plus three or four weeks after the grass begins to green up. Paraquat is highly effective on green growing vegetation, so give the grass time to get started. On the other hand, don't let it grow long enough to make contol difficult.

Apply the Paraquat with 30-60 gallons of water per acre and add 16 oz. of X-77 Spreader per 100 gallons of diluted mix.

– Plant late enough in the spring to cut the risk of frost but not so late that moisture levels are low. Gerrish advises producers to inoculate seed themselves, even if seed was already inoculated.

– Fertilize with 10-15 pounds of phosphorous per acre for each ton of dry matter harvested and 50-60 pounds of potash. Two pounds of boron per acre should be applied annually.

Atlantic honors 36-year veteran

LANCASTER – Atlantic Breeders Cooperative recently recognized Atglen resident Robert J. "Mac" Mcdowell at a retirement reception held in his honor. McDowell retired in May after 36 years of service to Atlantic's farmer-members.

Friends, fellow employees and many Unit 19 dairymen gathered at the Bart Fire Hall to wish McDowell well in his retirement and to look over his many years of service.

McDowell began his career in AI on February 1, 1949 with Southeastern Pennsylvania Artificial Breeders Cooperative as a technician. He also served as Branch Manager in the Coatesville office in the early 1950s.

On January 20, 1983, McDowell obtained an honor that few AI technicians reach, 100,000 first services.

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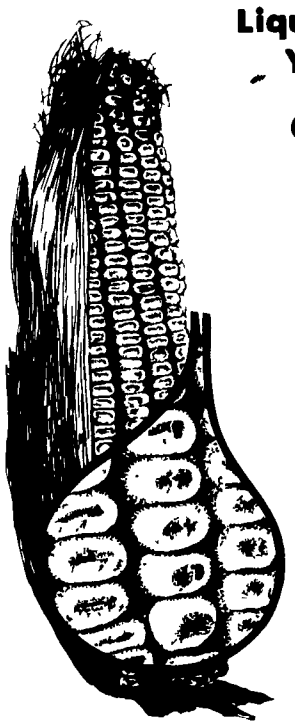

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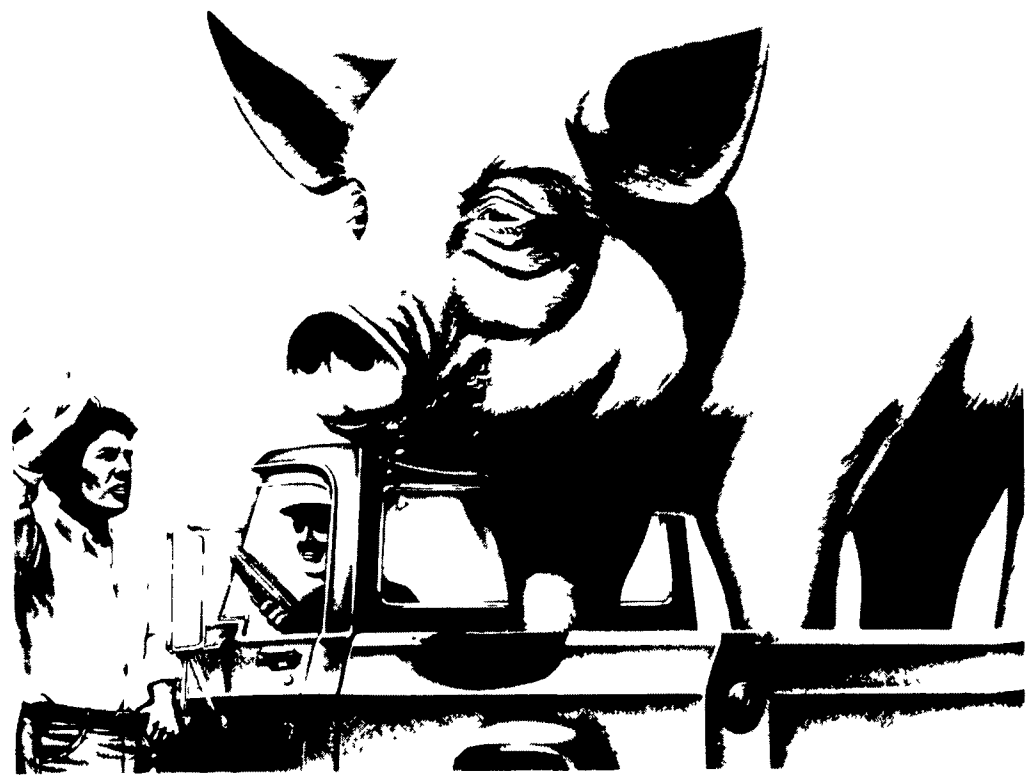

Waxy corn from Custom Farm Seed

The Jones Pork Ranch had been trying to make their investments grow faster. Unfortunately, the yel low dent feed corn they'd been using just couldn't plump up their pork fast enough to get a jump on the competition.

Then they heard about waxy corn from Custom Farm Seed. With Waxy corn the Pork Ranch could get the high nutrition they needed without sacrificing yield.

So the Jones Pork Ranch decided to invest in waxy corn. The next year Jones Jumbo Pork was the first on the market gaining more market share than any competitor.

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Adams County DHIA Monthly Report

Pennsylvania Dairy Herd Improvement Association

June, 1985

Owner	Brd.	No. Cows	Days In Milk	Lbs Milk	Lbs Fat
Penmar Farm	3	63 2	86 4	19,877	756
Brown Valley Farm	3	72 7	89 2	19,516	736
Roy A Weaner Jr	B3	55 1	87 8	18,198	701
Wayne H Rodgers	B3	89 9	85 6	17 778	698
Ray Dutterer	G3	66 0	87 8	17,647	688
Leroy Deputy	B3	127 3	85 4	17,471	686
Milton R Hoffman	3	43 2	85 0	17,515	683
Kit-Way Farm	3	61 9	87 5	17,557	664
Penn Gate Farm	3	69 8	87 1	17,779	663
Stoner Bros Dairy	B3	69 7	89 5	18,562	659
Kling Ayr Farms	3	40 5	89 6	17,501	654
Weim Sharr Farms	3	67 3	88 8	18,041	637
Lagging Stream Farm	B3	118 8	83 5	15,931	627
Donald Todt	B3	55 2	88 0	17,249	624
Adam F Lobaugh	3	39 2	88 0	16,833	622
George I Lauchman	B8	34 6	83 0	17,179	622
Ber Crk	3	63 9	86 3	16,605	620
Rinker Bros	G8	38 7	83 6	16,197	619
MJ Starner&Sons	B3	132 1	83.5	15,449	605
Home Side Acres	B3	49 8	80 1	15,769	599
Kehr Acres	3	74 1	85 0	15,517	597
Way Brite Farms	B3	130.1	86 9	15,377	591
Leroy Basehoar	B3	66 2	85 0	14,857	590
Robert Cunningham	B3	58 7	86 8	14,955	589
Kraybill Miller	B3	41 1	89 2	15,376	589
J Howard Stiles	4	42 0	87 6	11,822	589
Zeppdale Farms	B3	119 7	87 2	16,619	588
Robert C Hoffman	3	25 4	86 1	15,696	587
Bowlder Valley	B3	63 3	89 4	15,579	585
Richard K Herr	B3	117 4	84.4	15,862	582
John J Hess	B3	147 7	86 0	15,313	569
Pennstead Farm	3	43 0	87 6	14,054	566
Piney Lane Guernseys	B2	57 0	85 3	11,639	564
MJ Roche	B3	30 6	89 8	14,911	561
Robel Acres	3	82 8	88 3	15,109	558
Frank Ludwig	B3	32 6	89 3	14,683	558
Fred-Chris McGillvray	B3	55 2	80 0	16,055	557
Larry Holtzinger	B3	45 4	86 4	14,686	549
Grove Bros	B3	81 4	82.8	15,571	547
Getty Acres	B8	183 9	83 5	15,691	542
Robert & Linda Meyers	B3	87 6	87 5	14,716	538
MR & CS Durboraw	3	59 2	86 6	14,387	535
Robert L Rohrbaugh	B8	66 5	81 7	14,036	529
Knud A Hermansen	B3	85 2	81 8	14,528	524
Hubert R Brown Sr	B3	53 9	85 8	13,670	521
Buttonwood Farms	3	134 8	87 3	13,799	516
Wm Inskip	B3	61 0	86 1	14 098	515
Green Manor Jerseys	4	51 3	86 5	10 399	515
Roger L Sprague	B3	56 0	86 9	14,068	514
Oscar E Mehring	B3	31 8	87 1	13,164	510
Shamrock Farm	B3	60 3	89 0	13,576	504
Pleasent Acres	B3	66 0	85 5	12,482	483
Richard Mills	B3	57 9	85 8	11 453	462
Grn Manor Guernseys	2	12 2	83 2	9 326	459
Rhodes Enterprises	B3	71 5	78 0	11,517	458
H&W Farms	B3	60 3	82 6	11,587	445
Glenn & Janet Lippy	B3	99 4	86 2	10,865	413
James E Miller	B8	33 8	80 1	9,158	412
Terrence P Murren	2	55 1	80 0	8,680	397
James C Behney	B3	39 6	86 1	10 719	375

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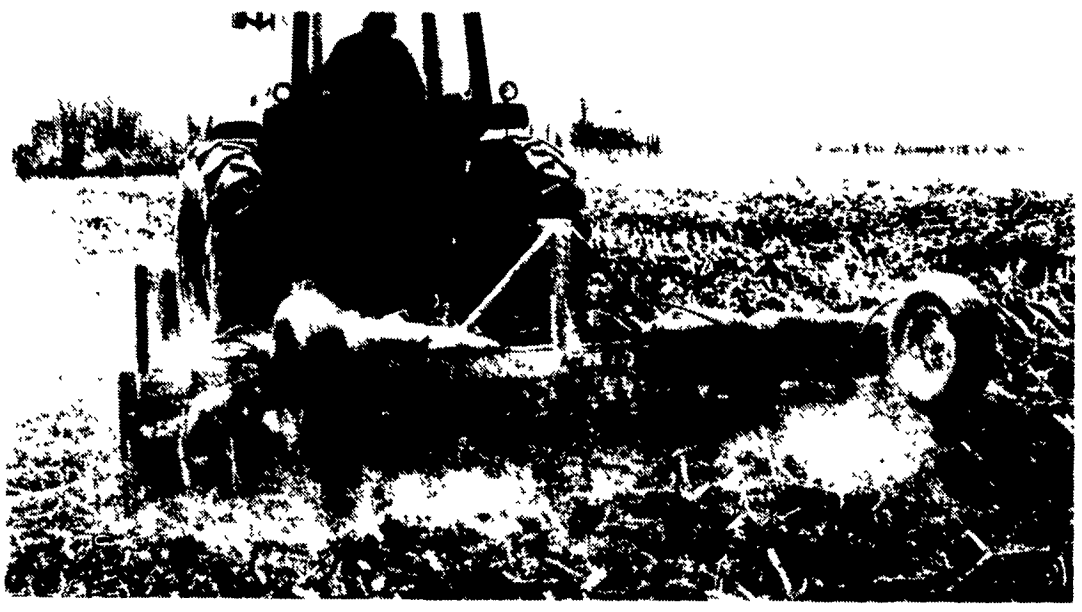
Owner	Brd	Age	Days In Milk	Lbs Milk		Lbs Fat
Stoner Bros Dairy						
74	3	5-10	305	18,830	4 3	801
23	3	4-6	300	20,208	4 0	804
101	3	2 10	305	17,623	3 7	650
102	3	2-11	305	16,683	4 5	745
109	3	2-1	305	19,325	4 0	771
110	3	2-1	305	19,602	3 6	706
MR & CS Durboraw						
62C	3	5-4	305	16,523	4 0	668
MJ Starner & Sons						
205	3	3 10	305	18,277	3 7	679
Donald Todt						
Skylark	3	9-6	305	18,634	3 5	661
Roy A Weaner Jr						
26	3	6-10	305	18,618	3 5	651
43	3	4-0	305	18,042	4 3	777
Lagging Stream Farm						
Hedy	3	8-11	305	18,678	3 9	720
Faith	3	4 5	305	17,339	3 9	680
Jackie	3	3-11	305	18,524	3 8	696
Kehr Acres						
121	3	4 4	305	17,220	3 9	679
151	3	2 11	305	17,210	3 9	678
John J Hess						
110	3	5 9	305	20,314	3 7	742
Ray Dutterer						
Jamie	3	6-1	305	19,657	3 5	685
114	3	4 10	305	25,541	3 3	842
115	3	4-7	305	24,337	4 1	999
118	3	4-9	305	17,880	3 6	651
131	3	4-0	305	23,491	3 7	870
135	3	4-6	305	19,047	4 4	841
Kit-Way Farm						
Melissa	3	8-3	305	20,847	3 6	756
Missy	3	6-8	305	20,392	3 8	781
Hindue	3	6-10	291	20,102	3 3	671
Tillie	3	5-5	305	13,726	4 8	658
Foxy-A	3	7-7	305	22,721	3 4	771
Wayne H Rodgers						
2	3	7 10	305	20,826	4 0	840
65	3	3-9	305	17,614	4 0	696
116	3	3-5	305	18,416	4 1	764
26	3	3-5	305	17,827	3 8	671
Roger L Sprague						
Olga	3	6 6	305	15,743	4 5	708
Popper	3	6 2	296	14 702	4 6	673
Pleasant Acres						
15	3	6 11	305	14,437	4 7	679
Weim Sharr Farms						
149	3	6 0	305	26,518	3 5	928
95	3	4 3	304	17,332	4 0	698
111	3	3 4	305	17,452	4 1	718
Grove Bros						
51	3	4 9	305	18 467	3 6	667
Robert Cunningham						
Hope	3	4 9	305	15,977	4 4	703
Pamela	3	4 5	305	16,216	4 1	658
Way Brite Farms						
G40	3	4 6	305	15 034	4 5	671
G29	3	3 0	289	14,407	4 5	651
Leroy Deputy						
Cookie	3	10 7	305	16,551	4 1	680
Dustin	3	9-2	305	13,817	4 9	683
Jean	3	7-5	305	21 771	4 0	877
Dolly	3	3 11	305	18,450	4 2	784
Jeanete	3	3 10	304	16 733	4 0	661
Iris	3	3 7	305	22,043	3 1	694
Sandal	3	3 7	265	15 800	4 3	677
Rinker Bros						
Heidi	3	4 11	294	16 304	4 4	723
Karen	3	4 7	264	15,196	4 3	655
Getty Acres						
268	3	7 1	278	18,021	4 1	732
389	3	4 11	305	21,705	3 0	658
403	3	4 7	305	18,117	3 9	709
Robert L Rohrbaugh						
64	3	6-0	305	16,462	4 4	718
11	3	4-4	305	16,700	4 2	705
Zeppdale Farms						
74	3	8-4	305	17,893	3 7	667
50	3	7 7	305	26,379	3 2	850
123	3	5 7	305	20,201	3 3	657
Ber Crk						
Mada	3	4 3	305	18,432	3 5	652
Esther	3	2-8	305	18,058	3 7	672
H&W Farms						
43	3	7 8	305	16,338	4 2	685
Bowlder Valley						
68	3	5-6	305	19,412	4 0	781
159	3	6-1	305	23,481	3 6	854
Home Side Acres						
Dana	3	4-8	305	19,710	3 9	777
Sandra	3	4-7	305	18,799	4 1	778
Milton R Hoffman						
7	3	6 0	305	22,746	3 1	696
34	3	5-0	305	18,072	4 3	775
39	3	4-11	305	22,349	3 7	819
Knud A Hermansen						
179	3	6-5	305	18,195	3 9	713
188	3	6-3	305	17,516	3 9	683
Larry Holtzinger						
28	3	5-2	253	16,637	4 1	677
Hubert R Brown Sr						
85	3	4-8	281	14,390	4 7	677
Fred-Chris McGillvray						
27	3	9-8	305	20,033	3 9	787
94	3	7-6	305	21,991	3 3	729

Aer Way (TM)

THE BETTER WAY
TO REVITALIZE THE SOIL AND INCREASE YIELD

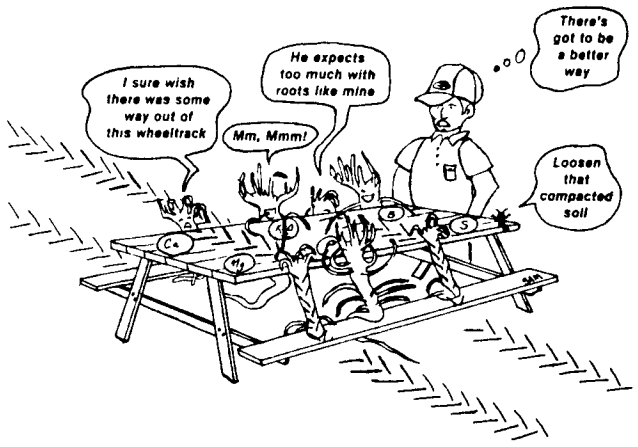
The AER-WAY is an utility implement that relieves compaction, aerates, cultivates and renovates. It can function as a rotary hoe, a disc, a roller and a harrow. It saves fuel, time and fertilizer. It increases water percolation, bacterial life and root growth. it is an implement for pastureland, grassland, horse paddocks, general field crops, vegetable production, orchards, vineyards and turfgrass. The AER-WAY will increase your profits through lower costs and higher yields.



DOUGLAS SHELMIDINE, Sheland Farms, Belleville, N Y Owned by Donald and Douglas Shelmidine
"We just bought our Aer-way but we saw what it could do for us this spring when we rented one We saw that our heavier soils worked much better if we made one pass early before discing We plan to use it to incorporate manure on our corn and hay crops It will help us get the solids from the slurred manure into the soil "

"We've owned our Aer-way a little over a year now We bought it for incorporating manure on our hay crop stands We ended up using it this spring to incorporate and do spring-time tillage on corn ground We found the tool very effective, low cost, and it eliminated a great deal of wet soil compaction which other tools always gave us We have recently started using the Aer-way tine harrow in combination with aeration of alfalfa It is removing seedling dandelions and seems to do minimal injury to the alfalfa "

The "Track" Record in Alfalfa


I sure wish there was some way out of this wheeltrack
He expects too much with roots like mine
Mm, Mmm!
There's got to be a better way
Loosen that compacted soil

Tests Have Proven Alfalfa Plants Tend To Die Out In The Wheel Tracks.
Information Available On:
FACTSHEET
To Be Continued

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AG PROGRESS DAYS
AUG. 20, 21 & 22

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Ask For Operator 104

New Case tractors designed for fuel use, power, driver comfort

RACINE, WI — Official test results confirm that recent engineering advances have decreased fuel consumption, increased operator comfort and bolstered tractive efficiency on Case International agricultural tractors.

Top test performance can be attributed in part to the new Case state-of-the-art engine, "Silent Guardian" cab and permanently engaged mechanical front-wheel-drive features now offered on select Case International models. The fuel-efficient engine and quiet cab will be phased in on the full Case International tractor line during the next few years.

The official tests, conducted by the University of Nebraska at Lincoln, are a prerequisite for selling tractors in the state of Nebraska. They are recognized throughout the world as a reliable standard of tractor performance.

The new Case engine is the result of five years of advanced computer-aided design and testing. It is more compact, quieter, and more fuel efficient, with 25% fewer parts than other engines in its class. Advanced design allows the high torque engine to deliver high horsepower efficiently, using less fuel than a standard engine with equivalent ratings. The engines are manufactured in a new Rocky Mount, North Carolina, plant by Consolidated Diesel Company, a $355 million joint venture between Case and a major engine manufacturer.

Introduced last year on Case International Models 1896 and 2096, the engines rate as the most fuel efficient in their class. These 95 and 115 PTO horsepower two-wheel-drive models are equipped with turbocharged 5.9 liter, six-cylinder diesel engines.

The fuel-saving capabilities of Models 1896 and 2096 are documented in the 1984 Nebraska Tractor Tests. Both models outranked all 24 competing tractors in the drawbar performance test at maximum available power in their horsepower class. The 2096 also achieved the best score in the ten-hour drawbar performance test at 75 percent of maximum power. The maximum power rating for the Case International 2096 was 17.38 horsepower hours per gallon or .402 pounds per horsepower hour which represents outstanding fuel-economy performance.

According to the USDA's Economic Research Service, fuel accounts for 34 percent of tractor operating costs. Fuel-saving tractors mean big dollar savings for farmers.

When the official test data on fuel consumption is translated into dollars saved, the Case International Model 1896 is shown to cost $782 to $1,761 less to operate for 1,000 hours than six competing models in the 100-120 horsepower range. Similarly, against four competing models with comparable horsepower, the 2096 demonstrated savings of $273 to $916.

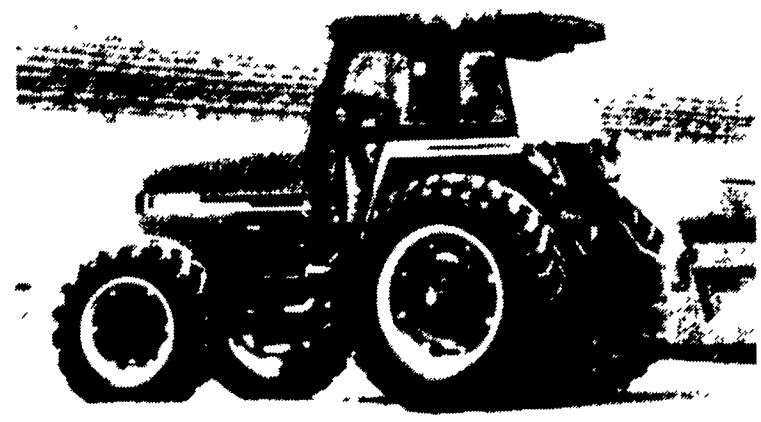
Quiet operation is another Case International hallmark. Knowing that a quiet cab means less operator fatigue and improved performance–and that continued exposure to the high noise levels of some tractors can cause permanent hearing loss--Case engineers designed the Case "Silent Guardian" cab.

The cab is heavily padded and sealed to block out sound. In addition, engine and transmission operating sound has been dampened, and the muffler is located under the hood for improved visibility and quieter operation.

Case International 94 and 96 Series tractors, ranging from 95 PTO horsepower to 400 gross horsepower, took the top eight places in all four 1984 Nebraska tests of noise level heard by the operator. They registered up to 8 decibels less than the 14 other tractors with cabs, and up to 24.5 decibels less than the 10 tractors without cabs. To the human ear, a 10-decibel reduction cuts the noise level in half.

Another Case engineering advance is constant traction mechanical front-wheel-drive (MFD). This feature distributes the 17,900 pounds of the 162 horsepower Case International Model 3294 constant traction tractor in a ratio of approximately 40-60 from front to rear. This is compared to a ratio of about 25-75 for competing two-wheel-drive tractors. This means the constant traction tractor was pulling comparable loads with over 4,000 pounds less power absorbing weight on the main drive wheels than two-wheel-drive tractors of comparable horsepower. This increases tractive efficiency and reduces soil compaction. The 3294 tractor was the first constant traction tractor with permanently engaged front-wheel-drive to be tested at Nebraska.

For free copies of the complete 1984 Nebraska Tractor Test report for any of these Case International models, send a self-addressed envelope to J I Case, 700 State Street, Racine, WI, 53403. The reports that document the Case International results are Nebraska Tractor Test numbers 1525 through 1530 for 94 Series models, 1548 and 1549 for 96 Series models, and 1313 and 1376 for the Utility tractors.



Official tests document that Case Internationl 96 Series tractors, powered by the new state-of-the-art Case engine, are the most fuel efficient tractors in their class. Two-wheel-drive Models 1896 and 2096, rated at 95 and 115 PTO horsepower (70 and 85 kW), are equipped with high torque turbocharged 5.9 liter, six-cylinder diesel engines.

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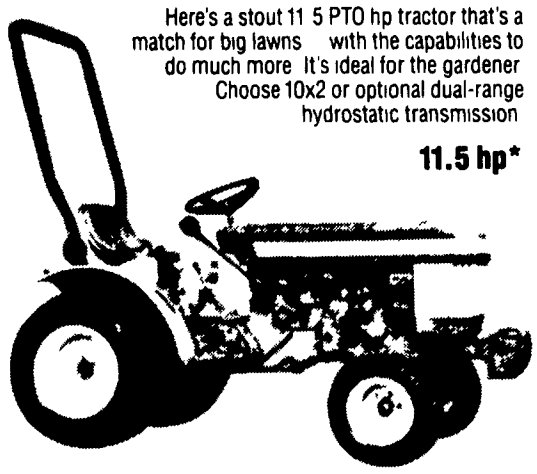
1110–OUR SMALLEST DIESEL

Here's a stout 11 5 PTO hp tractor that's a match for big lawns with the capabilities to do much more It's ideal for the gardener Choose 10x2 or optional dual-range hydrostatic transmission

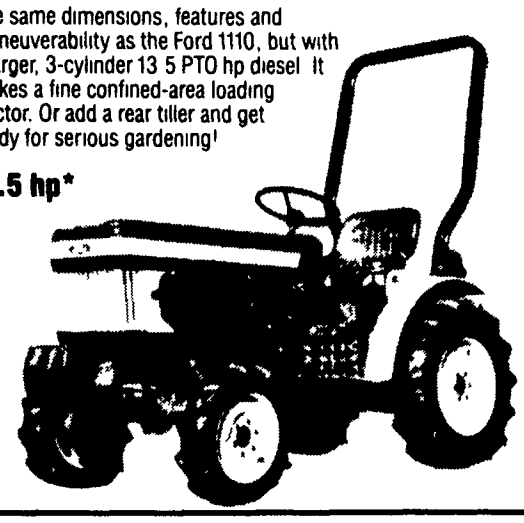
11.5 hp*



FORD 1210–THE LITTLE POWERHOUSE

The same dimensions, features and maneuverability as the Ford 1110, but with a larger, 3-cylinder 13 5 PTO hp diesel It makes a fine confined-area loading tractor. Or add a rear tiller and get ready for serious gardening!

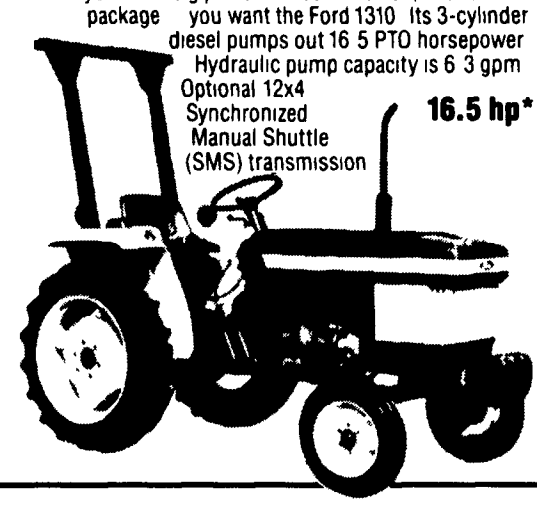
13.5 hp*



FORD 1310–IMPRESSIVE PERFORMANCE

If you want big performance in a small, economical package you want the Ford 1310 Its 3-cylinder diesel pumps out 16 5 PTO horsepower Hydraulic pump capacity is 6 3 gpm Optional 12x4 Synchronized Manual Shuttle (SMS) transmission

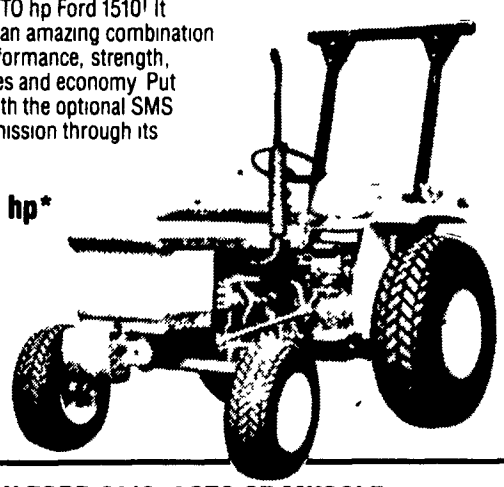
16.5 hp*



FORD 1510–THE "CAN-DO" TRACTOR

Loading, landscaping or light farm work? Call on the 19 5 PTO hp Ford 1510! It offers an amazing combination of performance, strength, features and economy Put one with the optional SMS transmission through its paces!

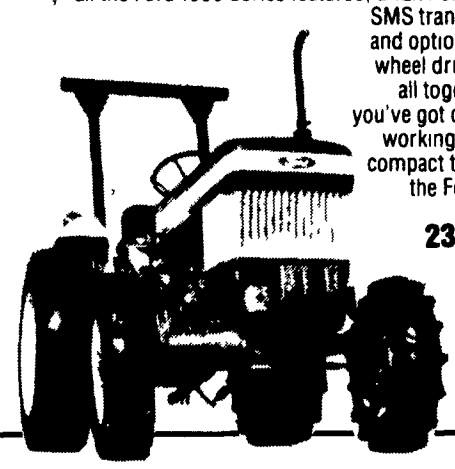
19.5 hp*



FORD 1710–THE VERSATILE COMPACT

23.5 PTO hp can do a whole lot of work Now add in all the Ford 1000 Series features, a 12x4 or optional SMS transmission and optional front-wheel drive Put it all together and you've got one hard-working versatile compact tractor the Ford 1710!

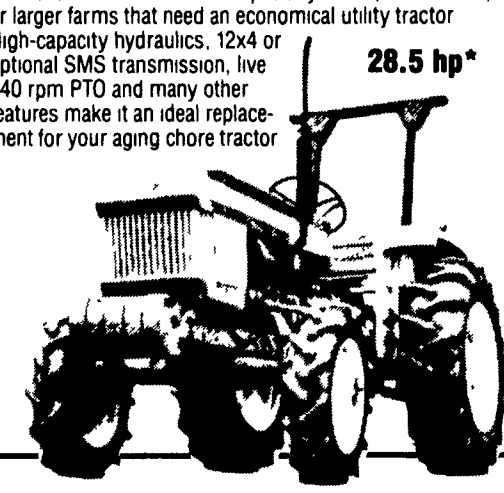
23.5 hp*



1910–28.5 PTO HP COMPACT

The 1910 is ideal for small or specialty farms, businesses, or larger farms that need an economical utility tractor High-capacity hydraulics, 12x4 or optional SMS transmission, live 540 rpm PTO and many other features make it an ideal replacement for your aging chore tractor

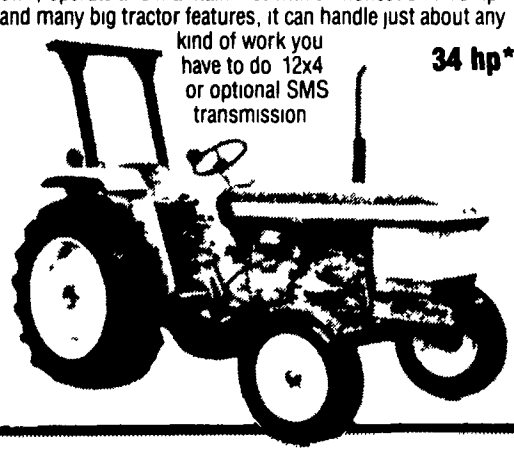
28.5 hp*



NEW FORD 2110–LOTS OF MUSCLE FOR THE MONEY

The new Ford 2110 is economical to own, operate and maintain Yet with an honest 34 PTO hp and many big tractor features, it can handle just about any kind of work you have to do 12x4 or optional SMS transmission

34 hp*



COMPARE EQUIPMENT. FORD'S TOUGH TO BEAT

Equipment	1110	1210	1310	1510	1710	1910	2110
Mid-mounted mowers, 48, 60-in	X	X	X	X	X		
Rear mounted mowers, 48, 59, 72 in	X	X	X	X	X	X	X
Rotary cutters, 48, 60-in.	X	X	X	X	X	X	X
Flail mowers, 62, 74-in.			X	X	X	X	X
Front loaders	X	X	X	X	X	X	X
Reversible rear scoops	X	X	X	X	X	X	X
Front blades, 54, 60, 72, 84 in	X	X	X	X	X	X	X
Rear blades, 48 to 84-in	X	X	X	X	X	X	X
Box scraper, 48-in	X	X	X	X			
Landscape rakes, 72, 96-in	X	X	X	X	X	X	X

Equipment	1110	1210	1310	1510	1710	1910	2110
Utility backhoes, 6, 8-ft	X	X	X	X	X	X	X
Plows, 1, 2 bottom	X	X	X	X	X	X	X
Rotary tillers, 42, 48, 54-in	X	X	X	X	X	X	X
Subsoiler			X	X	X	X	X
Disc harrows, 53-in. and larger	X	X	X	X	X	X	X
Cultivators, 48 to 72 in	X	X	X	X	X	X	
Snow throwers, 48, 60-in	X	X	X	X	X		

We offer a wide range of equipment. If you don't see what you need... ask We probably carry just what you need

BIG CASH SAVINGS OR **7¾% FIXED APR UP TO 60 MONTHS** OR **WAIVER OF FINANCE Till January 2, 1986 And 10¾% APR Up To 60 Months**

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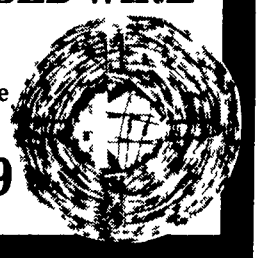

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$22.99 Per Roll

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For Putting Pails
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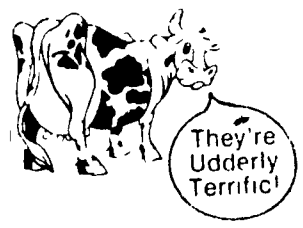

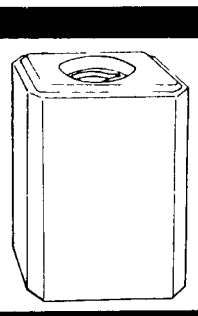

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$3.20

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	1/4" 100R2		
• 18" Long	$3 48	• 84" Long	$10 39
• 24" Long	$4 24	• 96" Long	$12 02
• 36" Long	$5 81	• 108" Long	$13 89
• 48" Long	$7 19	• 120" Long	$14 79
• 60" Long	$8 29	• 144" Long	$17 39
• 72" Long	$9 59		
	3/8" 100R2		
• 18" Long	$3 29	• 48" Long	$6 01
• 24" Long	$3 89	• 60" Long	$7 11
• 36" Long	$4 29		

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- 15 Gals or More **$3.20**/Gal.

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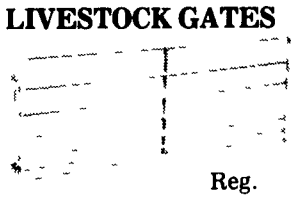

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• 16'x50" Tube Gates	$65.06	**$58.06**
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• 10'x50" Feeder Gates		**$43.29**

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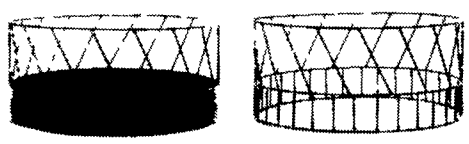

	Reg	SALE
• 8 Ft Round Bale Feeder w/Panel	$120 00	**$91.00**
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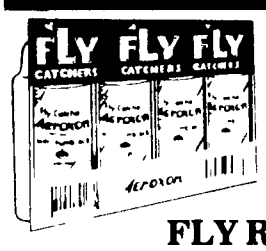

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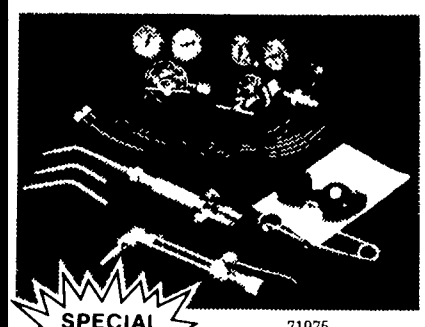
4 Pack
Reg. .99¢ SALE **.79¢**



SPECIAL **$130.99** 71975

Oxy-Acetylene Torch Kit

DISC BLADES

Diameter	Shaft Size	Ga.	Reg.	SALE
16"	.7/8"x1"	11	$5.69	**$4.89**
18"	.1x1 1/8	9	$7.99	**$6.89**
16"	1 1/8"x1¼	11	$5.69	**$4.89**
20"	1 1/8x1¼	7	$12.69	**$11.29**
22"	1 1/8x1¼	7	$15 49	**$14.00**
16"	.1x1 1/8	11	$6.59	**$4.89**
18"	1 1/8x1¼	9	$7 99	**$6.89**
20"	1 1/8x1¼	9	$11.43	**$10.29**

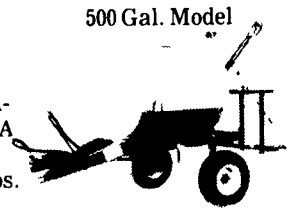
BALER TWINE

• 1-9 Bales	**$13.89**
• 10-24 Bales	**$13.39**
• 24 + Bales	**$12.89**
BIG BALE TWINE	**$14.92**

THE BIG BOY

Model DQL500P8A-RNA w/FBT 12RNA Boom
Wt. Approx. 1130 Lbs.

500 Gal. Model



	Reg	SALE
• 500 Gal. Sprayer, Less Tires & Pump	$1,440	**$1,360**
• 300 Gal. Sprayer, Less Tires & Pump	$1,060	**$960**
• 55 Gal. Sprayer, 3 Pt, Less Pump		**$359**
• 150 Gal. Skid Sprayer		**$489**

UNION PROMOTIONAL MANURE FORK

5 Tines.
Spread at points, 9¼"-9½" Length of Head, 12½" 48" handle.
SKU 50330
No. 742 236
Reg. $14 99 SALE **$11.99**

UNION STANDARD DH ALUMINUM SCOOP SHOVEL

#14 size, 15¼"x19¾" blade Etched finish Blade thickness 077 27" D handle Order No 531 367
SKU 50160 Reg. $21.99
SALE **$14.99**

PISTON HAND PUMP

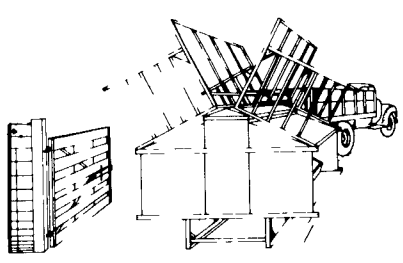
SALE **$59.95**

SERIES "T" TRASH PUMP

360 Gal./Minute
Reg. $790.99
SALE **$720.86**

CALF CREEP FEEDER

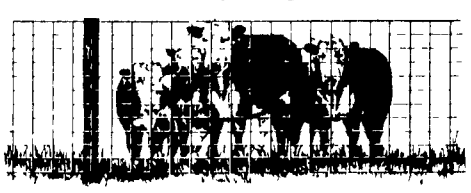
SKU 70202



Hinged Stalls

Reg. $465.09 SALE **$418.29**

PANELS



	Reg	SALE
• 60"x16'¼" Steel Panels	$27.99	**$24.50**
• 52"x16' Combination Panels	$17 99	**$16.00**
• 34"x16' Hog Panels	$15 99	**$13.99**

HOT-SHOT®

HEAVY DUTY MODEL HD-30 PROD

28½ long Weight complete with 8 batteries 36 ounces The Heavy Duty Model is designed as a longer prod with higher voltage output and extra battery life

Reg $16.06 SALE **$14.95**

36" STOCK PROD MODEL TS36

6 battery push button model with fiberglass rod and rawhide wrist throng Lightweight, only 1½ lbs with batteries

Reg. $36.69 SALE **$29.99**

UNION DELUXE CORN KNIFE

SKU 50330

15" lacquered tempered steel blade. 6½" contoured hardwood handle.
Reg. $5.69
SALE **$4.49**

BROWER HOG FEEDERS

15 Year Guarantee On Brower Hog Feeders

	Reg.	SALE
• 85 Bu. Hog Feeder	$340.18	**$319.95**
• 65 Bu. Feeder	$318.89	**$299.95**
• Rectangular Hog Feeder, 16 Hole	$372.99	**$339.95**

LB-85

McDADE

MILLER PRO

FORAGE BOX

MILLER PRO - Designed in the 80's for Use in the 80's! Miller brings over 20 years of experience in the forage box business. Despite this experience we went to professional farmers to learn exactly what farmers want and expect from their forage box investment. They talked and we listened. They tested our prototype boxes and together we learned. The result is the MILLER PRO Series Model 2150, 2175 and 2200. These models have floor measurements behind the unloading mechanism of 15-ft., 17½ ft. and 20 ft. respectively. The combination of features includes the tough, smooth feeding PRO unloading unit, aluminized steel sides, pressure treated wood floor and crop-clear roof.

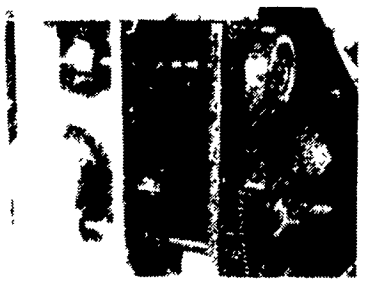
Watch For Our Demonstration At The Show!

Compare features with any other forage box on the market. They are the result of intensive research and listening to professional farmers tell us exactly what they expect of a forage box. THIS IS IT!

COMPARE!

Metering augers are large diameter 18' drum style for smooth, aggressive non-wrap loading. Eliminates bunching, spillage and uneven feeding. **Our Torque Team Drive clutch permits inch-by-inch clearing of the metering augers without the load moving forward!**

COMPARE!



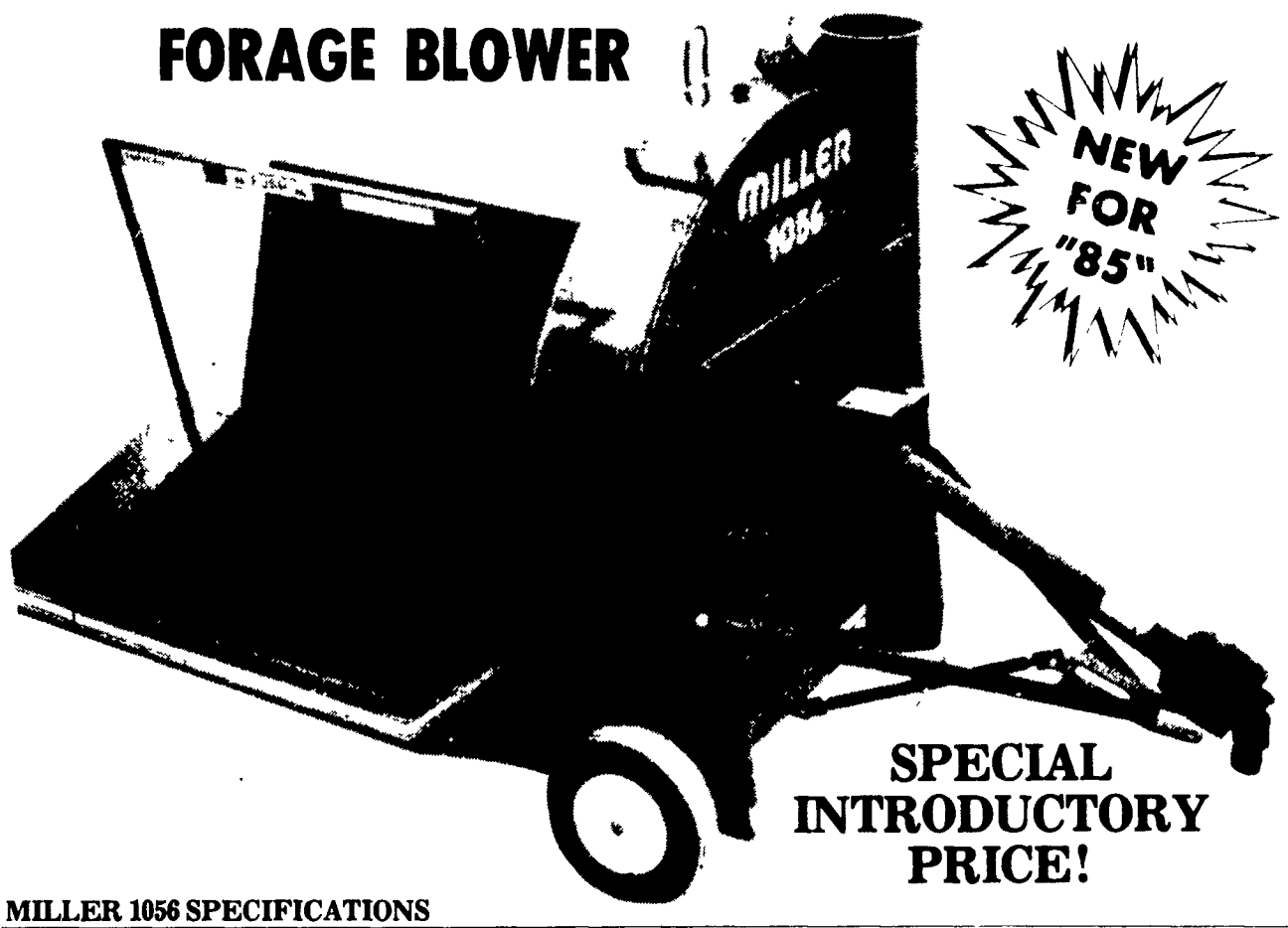
Newly engineered transmission and gear box operates smoothly. **Unload, sweep** and **neutral** positions for maximum flexibility. **Slow-down sprocket** and many more features standard. **See the new torque team drive!**

MILLER PRO FORAGE BOX SPECIFICATIONS

	PRO 2150 15' Floor	PRO 2175 17½' Floor	PRO 2200 20' Floor
Load Capacity (Cubic Feet)	780	913	1045
Crossfeed Width	22"	22"	22"
Floor Width	84"	84"	84"
Overall Height	110'	110'	110'
Overall Operating Width	104	104	104"
Overall Length	18'1	20 7	23'1 "

Crossfed Delivery	Either RH discharge or LH Discharge
Cross Conveyor Apron Type	CA550 Ag Roller Chain w/Welded Slats
Cross Conveyor	Standard 12" extension, optional 30' fold-up extension
Beaters	Three metering augers
Powered By	540 RPM PTO
Safety bar and Cables	Standard Equipment
Box Hold Down Kit (4 Corner) with 2 Chains	Standard Equipment
Main Apron - No. of Chains and Chain Size	4-67XH Detachable 5500 lb. pull (min.) / 4-667H Pintle 10,000 lb. pull (min.) / 4-670X Pintle 15,000 lb. pull (min.)
Optional	4-667HH Pintle Optional / 4-670X Pintle Optional
Rear Vent	Optional

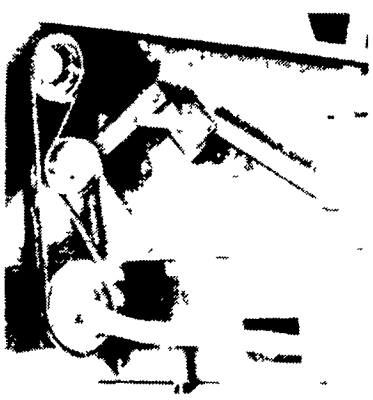
FORAGE BLOWER



NEW FOR "85"

HOPPER WITH SHAKER PAN & WIND GUARD

Miller 1056 w/20 hopper height gives ample clearance with lowest self unloading forage box. 34 hopper width makes it easy to place wagon. Extended Wind Guard helps prevent feed loss.



AUGER - SHAKER PAN DRIVE

Belt Drive Clutch Assembly allows easy engagement and disengagement of the auger and shaker pan.

SPECIAL INTRODUCTORY PRICE!

MILLER 1056 SPECIFICATIONS

Housing diameter	56"
Number of blades	6
Fan Speed R.P.M.	540
Tip Speed of Fan F.P.M.	7846
M.P.H.	90
Hopper width	34"
Hopper height	20" or 26"
Wheel size	4:00x8
Weight of complete unit	1050

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COMPUTERS: *Technology helps Northumberland farmers to see how their operations measure up*

BY MARGIE FUSCO
Staff Correspondent

SUNBURY – When Daryl and Jim Landis wanted to know how their dairy operation measured up, they turned to the Northumberland County branch of the Penn State cooperative agricultural extension service and its computer assistance.

"It's like getting another opinion," says Jim Landis. "When you've got an idea, you like to bounce it off a few people. This is the same thing, but you're using a machine."

The Landis brothers found their way to extension agent Vernon Brose and his Apple II computer. Brose would like more farmers to know that today's technology can help them get a clear picture of their farming operation.

"At this present time agriculture is taking quite a beating," he acknowledges. "Some farmers are making money, but a lot aren't. Any many don't keep good enough records to tell. They just use a bank balance to indicate profit, when they're actually liquidating assets to stay afloat."

Responding to the need for better ways to measure farming profits, Brose and several other agents including John Brockett, Harold Holt, Richard Little, and Norm Conrad have put together a package of computer programs that can help farmers see what they're doing right and what they could be doing better.

"It's helpful to see where we are, where we've been and where we're going," Landis explains.

Although the Landises didn't make any major changes after their analysis, some farmers find that the programs point up areas where they can change for the better. Brose recalls a farmer who had 25 crops planted.

"Sometimes farmers do things out of habit. When one crop wasn't profitable enough, he was adding another. But he never totally eliminated any," Brose says. "Diversifying might seem like the answer, but it isn't always best. I was able to show him on the computer that he could cut down to fewer, more profitable crops instead of killing himself."

The Northumberland County extension service (which is part of a cooperative service effort that includes Snyder, Union, and Montour counties as well) offers long and "mini" farm management programs and a detailed crop analysis program. Brose is now working with agents Little and Holt to fine-tune a detailed dairy herd management program that will be available in September, the first such program in the state.

The farm management program, developed by agent Brockett, allows farmers to review their entire operation. It provides a picture of the present operation and projections for feed, production, crops, and general efficiency as well as information on the debt-carrying load the farm can bear. Brose has added a "mini" component to the program that helps to calculate the dollars returned on feed and the gross and net income per acre on crops.

The crop production program, developed by Brose and Conrad, covers corn, corn silage, soybeans, grain sorghum, wheat, barley, oats, buckwheat, alflafa hav. grass hay, clover grass hay, and sorghum sudan. It uses estimated prices for growing crops in 1985, figures that can be revised regularly. The program is comprehensive, translating seed cost, fertilizers, chemicals, sprays, fuel and machine use, drying, and hired labor into the cash costs per acre, as well as machinery and land overhead per acre. The only item not included is the farmer's own labor.

For example, the estimated cost of growing an acre of shell corn this year in central Pennsylvania, with a 95-bushel yield, is $255.97 per acre. For a farmer to break even, he will have to receive $2.69 per bushel in the marketplace.

The dairy herd management program not only covers herd figures. It takes into consideration all crop production costs. In the program, the farmer "buys" crops from himself, a step Brose notes that many farmers neglect in trying to estimate their costs. The dairy program also takes into account culling and replacement, veterinary fees, breeding, marketing, feed processing, co-op dues, dairy supplies, repairs, utilities, and the balance of feed. It includes the cost of owning buildings, equipment and livestock, and can allow for new capital investments anad the purchase of labor-saving equipment.

Brose suggests that farmers who would like to check their operation on the computer should first keep good records. "The results you'll get will only be as good as the records you keep. Bad data isn't going to give you good, accurate results."

He's concerned that so few farmers are taking advantage of computer analysis.

"I know computers are frightening," he says. "I was afraid of them, too, at first." He says it took him several courses before he began to comprehend how the computer worked and what it could do. Now he's enthusiastic about how computers can aid the farmer.

The farmer who uses the extension service programs doesn't have to run the computer. He only has to fill in the appropriate blanks with information from his own records–an agent and the computer can do the rest Brose stresses that the services are confidential.

Most of the farmers who use the programs are seeking FHA or other financing and are required to have a business analysis. Brose wishes more farmers would try the programs without being forced to.

"It's important to know that the computer can help you project feed, production, crops, everything," he says. "It can tell you what your debt-carrying ability is, show you where you're less profitable, and improve your efficiency as a grower and producer."

Vernon Brose, Northumberland county agent for farm management, works through some calculations on the computer at the county extension office

The Landis brothers tried the service after they learned about it during a workshop this past winter "We picked up on the idea," Jim says. "It's like going to the doctor for a check-up. Why wait until you're hurting? You can find out now if you're healthy and head off trouble. It just makes sense "

Computerized feed programs now available thru Purina stores

ST. LOUIS – Beef and dairy producers looking to optimize their return on feed investment can now access computerized cattle feeding programs without the up front cost of purchasing computer hardware and software.

Purina Mills, Inc. has developed an in-store computer software service, available to dairy and beef cattle producers through participating Purina dealers nationwide. Operating on IBM personal computers, the service is designed to help dealers offer strong, research-backed computer support to their area producers.

"An increasing number of dairy and cattle producers have voiced the need for computerized feeding systems that take the guesswork out of feed formulations without a heavy up front investment in software or hardware systems," notes Brock Lutz, Vice-President and Director of Marketing and Research for Purina. "With this software program, dealers have a faster, better way to show farmers how varying types and amounts of homegrown grains and roughages and Purina products affect cattle and dairy performance and return on investment."

"A cattle producer, for example, can visit the dealer, who will show him how easy it is to input desired average daily gain, price of available feed ingredients, cattle market weights, purchase and future prices, management conditions, conditions of cattle and pen condition. The dealer's computer then arrives at a least cost formulation, or else calculates the profitability of feeding cattle at a given time," says Lutz.

Dairy farmers can observe firsthand how the program balances energy, protein, fiber, calcium and phosphorous requirements for any level of milk production, Lutz continues. The program also formulates least-cost rations from available feedstuffs.

The system also has the capability of analyzing rations on a dry matter basis and projecting income over feed cost. Varying amounts of individual feedstuffs needed by different milk levels are calculated by the computer program, which has a built-in table of standard requirements. The computer then projects a feeding program which would provide the best balance at each milk level. Given the milk price per hundredweight and the butterfat differential, the program will project income over feed cost.

Purina dairy and cattle nutritionists have worked closely with Check-Tech, the Purina group responsible for developing computer-based products and services, to develop research-backed, user-friendly software programs, says Lutz. "We believe the in-store service will provide farmers with a knowledgeable local source of management information.

"IBM was selected because it is reliable, committed to aggressive research and development, and has the best service availability," says Lutz. "IBM's commitment to computer quality fits well with Purina's standards of agricultural excellence."

The in-store service also enables producers and dealers to measure and evaluate results from commercial rations and homegrown grain more accurately. This, too, is a valuable tool for producers and dealers.

"The computer software program is an easy, straightforward approach to formulating least cost rations," Lutz continues "Purina dealers are already knowledgeable about nutrition Now, equipped with the Chek-Tech program, they can help farmers improve their production practices and profit margins still more," he concludes

Systems prevent data loss in power loss or surge

HIGH BRIDGE, NJ. – Computer Power, Inc., (High Bridge, NJ) now offers computer users and managers several solutions to the power perils that can put data in danger.

"You could lose months of data in a flash," warns company Marketing Vice President George Ardolino, "if the wrong glitch picks the wrong time to show up on the power line, or if the power picks a bad time to fail.

"The power plug has always been the Achilles Heel of computer systems; our business is selling armor for it."

Computer Power Inc. offers several complete lines of SPS (instant switch-over power system), true UPS (uninterruptible power system) and surge protection products. 400-1200 VA (Volt-Amp) Defender™ SPS models are available for $785-$1265 (all prices suggested US resale), 500-1000 VA Computersave™ UPS systems for $1800-$2200, and 500-1500 VA Series 36 UPS models for $1890-$1995 (or with gel-cell battery option, $1995-$2140) at participating distributors, dealers and resellers; inquiries are invited.

"The largest cost of using computers," Ardolino says, "is neither the hardware nor the software, but the man-hours invested in creating data. The abrupt loss of that data can be tremendously expensive to a company, and that danger is as close as a wall outlet. Still, and it's unfortunate, most companies that buy backup power systems do it after their first loss. We're hoping to change that by making ourselves a little more visible. It's time for these products to break away from an engineering era and into an end-user era."

There are three ways backup power sources are most often used. First, since most power outages last less than a few seconds, they keep systems running safely and smoothly during "nuisance" outages.

Second, where absolute power-line independence isn't required, they provide the opportunity for an orderly system shut-down, with no danger to equipment or data; this process requires only a few minutes in most cases, and alarm options help assure quick response.

Third, where system operations must be maintained, they keep things running until backup power generators can be started and switched on-line. Series 36 models can keep systems running for 50-120 minutes, Computersave models for 12-35 minutes, Defender models for 10-60 minutes.

In addition to protection against power fluctuations or failures, CPI backup power systems also build in power-line "clean-up" circuitry to help prevent system damage or data loss from spikes or surges. Each system includes built-in line conditioning circuitry with filtering to reduce problems caused by power line noise.

For example, the electrical noise reduction (AC input to AC output) accomplished by Series 36 systems is greater than 140 dB at 100 KHz Similarly, Computersave systems are rated better than 140 dB (transverse mode, 120 dB common mode) and Defender systems at better than 60 dB (transverse mode).

Series 36 and Computersave systems continously power equipment from their own internal batteries and a special inverter that closely mimics the sine-wave shape of power-line AC. In normal operation, the batteries are continuously recharged by line power; should line power fade or fail, the inverter's output continues at a steady, regulated Voltage and frequency.

Various models support 110 VAC or 240 VAC at 50 Hz or 60 Hz.

The economical Defender series uses state-of-the-art solid state circuitry to instantly detect power shortages, start its inverter and switch it on-line. Earlier switch-over technology gained a bad reputation as being too slow to

(Turn to Page E9)

KELLEY BACKHOES AND LOADERS

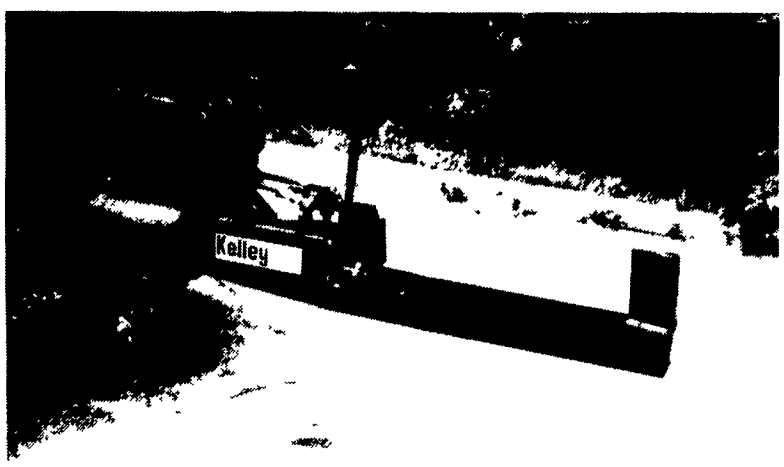
Kelley POWER-PACKED

KELLEY BACKHOES

- THREE POINT RIGID MOUNTING
- PATENTED HYDRAULIC SWING CUSHION
- TWO LEVER CONTROL
- MORE POWERFUL THAN ANY BACKHOE IN ITS CLASS!

KELLEY LOADERS

- HEAVY-DUTY FRONT & REAR AXLE MOUNTING
- FRONT BUMPER PROTECTS TRACTOR HOOD
- ALL-WELDED FRAME
- QUICK-TACH AVAILABLE ON CERTAIN MODELS



KELLEY KLS 24XE ECONOMY LOG SPLITTER

- 24" LOG PLATFORM WITH SECURED PUSH BLOCK.
- UNITIZED 4" "H" BEAM FRAME CONSTRUCTION.
- ADVANCED 7" WEDGE CONSTRUCTION FOR A SMOOTH AND CONTROLLABLE SPLIT.
- 3½" DOUBLE ACTING CYLINDER SUPPLIES 9½ TONS OF FORCE AT 2,000 PSI. (UNITS POWERED BY TRACTOR HYDRAULIC SYSTEMS MAY HAVE VARYING SPEEDS AND FORCE.)
- FINGER TIP CONTROL VALVE FOR ONE MAN OPERATION. OPEN CENTER VALVE STANDARD - CLOSED CENTER VALVE AVAILABLE.

THE KELLEY DL2000 QUICK-DETACHABLE LOADER

TUFF and RUGGED for the 18-32HP 2-WD and 4 WD Tractors
FAST RELEASE BUCKET MECHANISM and VERSATILE ATTACHMENTS:
54" and 60" MATERIAL BUCKET
56" MANURE TINE BUCKET
W/DIRT PLATE OPTION
60" SNOW BUCKET
60" DOZER BLADE
48" ADJUSTABLE PALLET FORKS

A KELLEY BACKHOE is a PERFECT MATCH for your KELLEY DL2000 LOADER

8'9" LIFT HEIGHT
2000 LBS. BREAKAWAY POWER - 900 LBS. to FULL HEIGHT
FLOAT POSITION TWO SPOOL VALVE
BUCKET LEVEL INDICATOR
PARKING STANDS STANDARD EQUIPMENT

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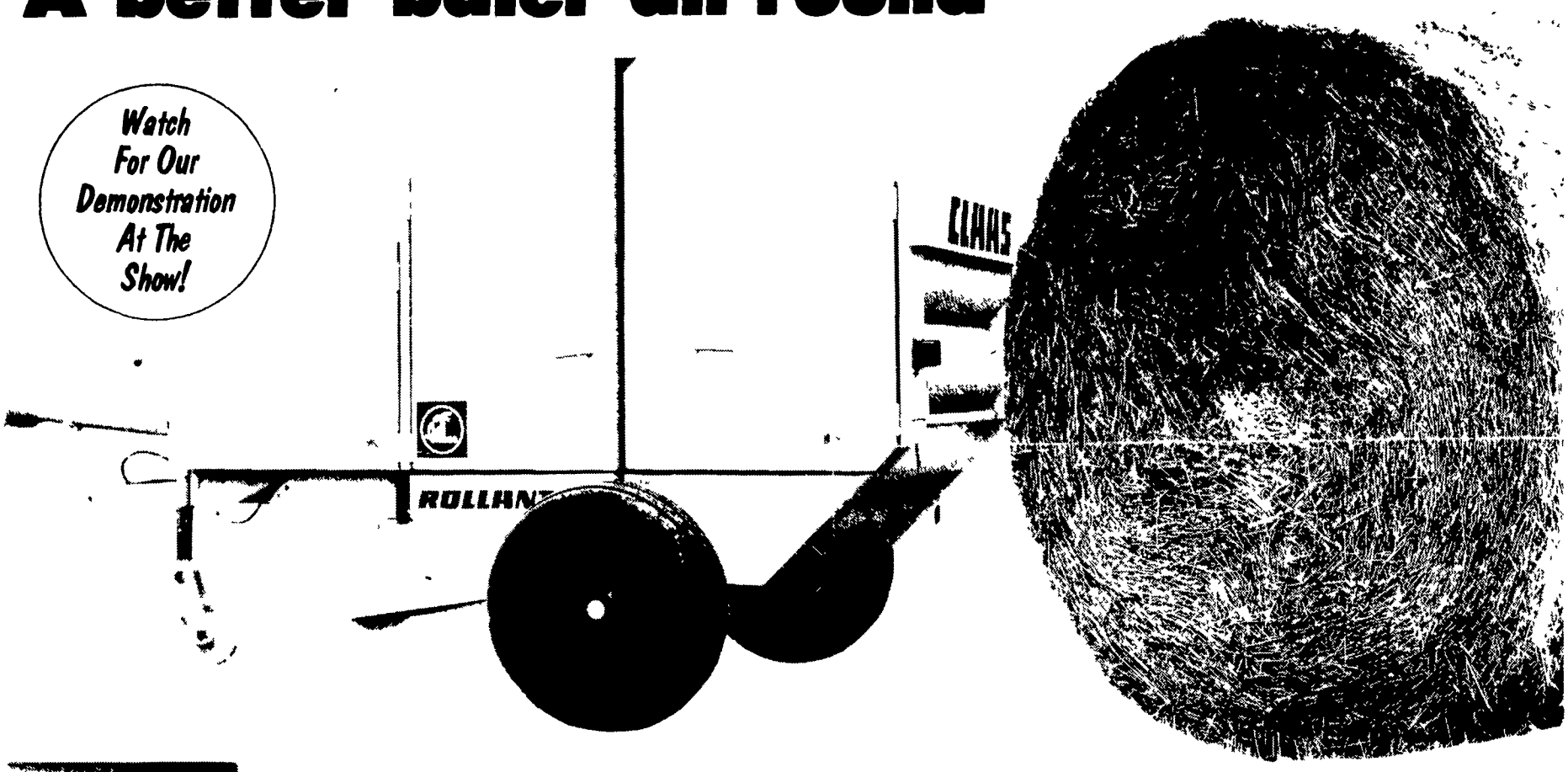
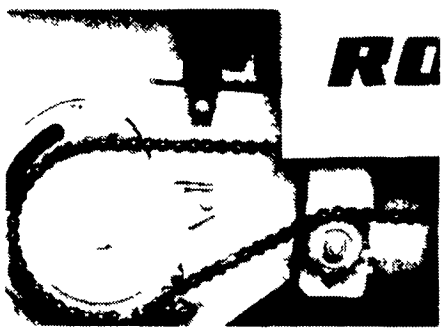
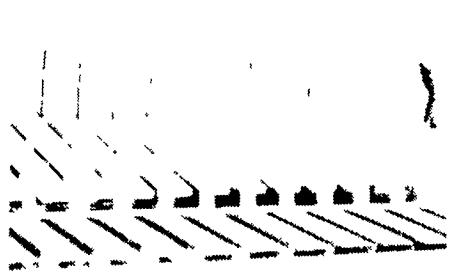
Are You Tired Of Repairing And Replacing Belts And Chains On Your Round Baler?

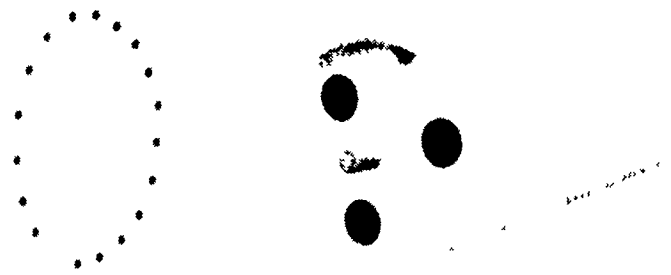
CLAAS ROLLANT

A better baler all round









Fully dampened, spring suspension pick-up

The ROLLANT full width pickup follows the ground contour to perform consistently and cleanly even with a difficult crop such as corn fodder. Pick-up flotation is provided by two springs and a shock absorber prevents pickup bounce over uneven ground.

An even feed into the bale chamber

Directly behind the pickup is the feed assister which ensures even feed of material from the pickup into the bale chamber. The feed assister reduces the wear on the pickup and is very effective in short crops.

Rollers all round

The bale chamber is formed by a continuous line of driven rollers. There are no plates to slow the action and cause crop damage. Hay, straw or unwilted silage is fed into the bale chamber and compressed firmly and effectively from the outside inwards.

A better grip

ROLLANT rollers have a dimpled finish for long life, which doesn't wear out and does not need to be re-textured. Above all they keep the crop rotating in the bale chamber. The rollers are strong and comparatively light and will not block or become choked up.

	ROLLANT 85	ROLLANT 62	ROLLANT 44	ROLLANT 34
HP Requirement	82	68	55	45
PTO Standard	540 rpm	540 rpm	540 rpm	540 rpm
Bale Chamber:				
Diameter	70 in.	62 in.	48 in.	36 in.
Width	59 in.	48 in.	48 in.	48 in.

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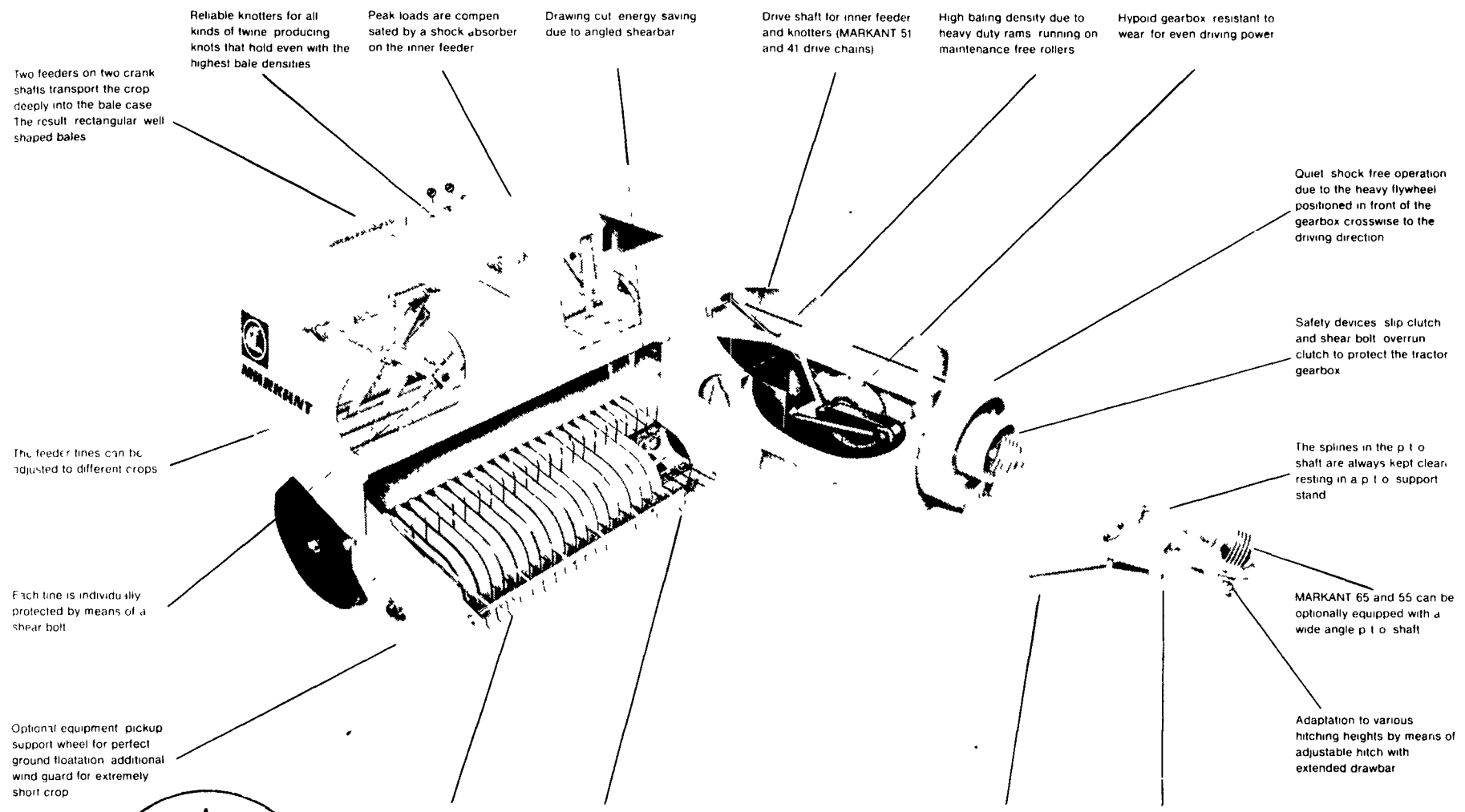
CLAAS High Density Balers

Advanced technology down to the last detail


Two feeders on two crank shafts transport the crop deeply into the bale case The result rectangular well shaped bales
Reliable knotters for all kinds of twine producing knots that hold even with the highest bale densities
Peak loads are compen sated by a shock absorber on the inner feeder
Drawing cut energy saving due to angled shearbar
Drive shaft for inner feeder and knotters (MARKANT 51 and 41 drive chains)
High baling density due to heavy duty rams running on maintenance free rollers
Hypoid gearbox resistant to wear for even driving power
Quiet shock free operation due to the heavy flywheel positioned in front of the gearbox crosswise to the driving direction
Safety devices slip clutch and shear bolt overrun clutch to protect the tractor gearbox
The splines in the p t o shaft are always kept clean resting in a p t o support stand
MARKANT 65 and 55 can be optionally equipped with a wide angle p t o shaft
Adaptation to various hitching heights by means of adjustable hitch with extended drawbar
The feeder tines can be adjusted to different crops
Each tine is individually protected by means of a shear bolt
Optional equipment pickup support wheel for perfect ground floatation additional wind guard for extremely short crop
Short woolly hay dry and crumbly straw – all of it picked up properly by the cranked and closely stepped tines
Pickup height adjustment from the tractor seat by means of a rope (MARKANT 65 and 55 optionally equipped with a hydraulic height adjustment)
Easy hitching with the help of a height adjustable support jack
For hitching the baler to a swinging drawbar an extended drawbar with double p t o shaft is option ally available
MARKANT

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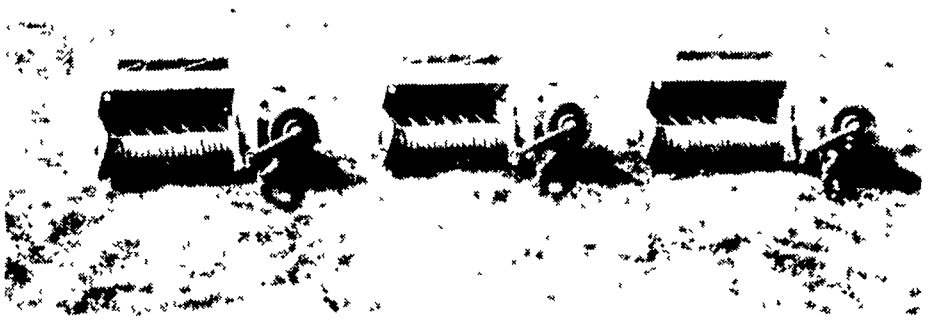

	MARKANT 51	MARKANT 65
HP Requirement:	45	55
Bale Chamber		
Length:	18"-39"	18"-39"
Width:	14"	14"
Height:	18"	18"
Pickup Width:	65"	73"

Mail this coupon today for a free field demonstration on Claas round balers or Claas high density balers.

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KUHNFLEX® KF 4

The first rake without tines! A Rake Of Revolutionary Design

The **KUHNFLEX** is a rake with a spectacular work capacity. It's working speed can reach 15 Km/h (10 m.p.h.) It's conception uses the very latest technology and opens the way to a new generation of rakes.

An absence of metallic working parts is the distinguishing feature of the **KUHNFLEX.** Traditional tines have given way to supple rubber skirts fitting to the bottom of each rotor. The **KUHNFLEX** offers maximum security to balers, forage harvesters or pick-up wagons by eliminating the possibility of lost tines causing extensive damage.

Rubber skirts pass under the crop transporting it from one rotor to another. During this process the crop has practically no contact with the ground until the swath is actually formed, thereby leaving the new growth untouched.

The **KUHNFLEX** can form single or double swaths, put several together, as well as turn or reposition them... all with the same gentle action, with minimum leaf loss.

It's articulating 3-point frame gives the **KUHNFLEX** the mobility of a towed machine; when raised the unit locks automatically into its transport position. In work each rotor is guided by a convex control roller fitted with a shock-absorber allowing the **KUHNFLEX** to follow ground contours perfectly, even at high speed.

Watch For Our Demonstration At The Show!

MOWER CONDITIONERS

Kuhn achieves fast dry down with minimal leaf loss utilizing free swinging fingers and a reversible conditioning comb.

The FC 250 and FC 300 Mower Conditioners utilize a rotor with free swinging fingers brought into position by centrifugal force.

These fingers pass through the teeth of a reversible comb which is adjustable into 5 different positions.

Conditioning intensity, determined by the intersection between rotor fingers and comb teeth, can be adjusted instantaneously.

As grass flows between the conditioning comb fingers, the natural wax coating on the stems is removed, allowing moisture to evaporate.

The conditioning comb is reversible: one side being smooth and rounded for leguminous crops; the other side having a sharp profile for more intense conditioning of natural grasses.

Should debris enter the conditioning unit, the spring loaded comb will open and return automatically to its original position as soon as the obstruction has passed.

KUHN DISC MOWER CONDITIONERS

FC 44 3 pt. mounted model 5'3"
FC200 3 pt. mounted model 6'7" with unique detachable conditioner
FC250 Towed model 8'2" also available with swivel hitch
FC300 Towed model 10' also available with swivel hitch

GYROTEDDERS

1. The fully articulated frame a characteristic of the complete KUHN GYROTEDDERS range, ensures perfect function on even the most undulating land.
2. For working on marshy or soft ground, both 17' and 23' model KUHN GYROTEDDERS are equipped with balloon tyres 15/6x6"
3. An optional reduction gearbox is available when raking into right-time windrows.
4. Rollers have been fitted to increase the life expectancy of the drive pins to the outside rotors.

KUHN TEDDERS

10', 13', 17', 23' both 3 pt. mounted and tow behind models available.

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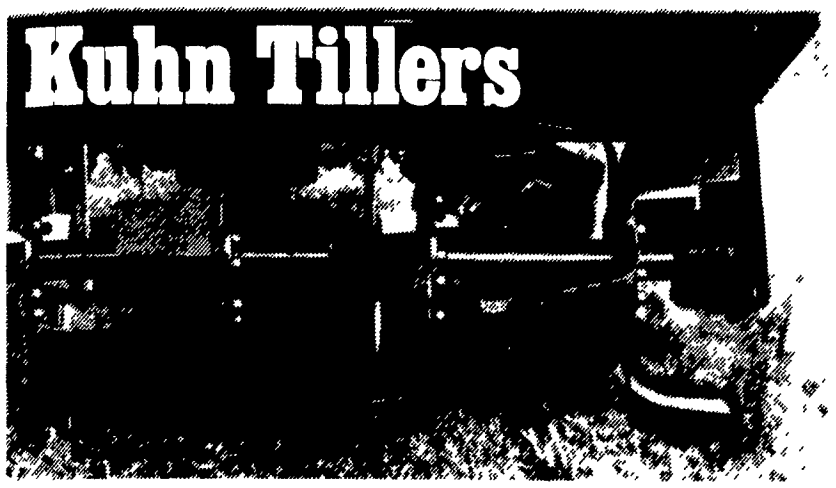
Kuhn Tillers



Built Tough To Last

Right through the line—from the smallest with 30-inch working width to the largest 120 inch model—Kuhn tillers are engineered for durability and efficiency Durable so they won t break down under heavy going or long hours Efficient so they operate smoothly don t clog do a thorough job of aerating topsoil and blending in residues

Wear-resistant heavy-duty blades penetrate soil cleanly are faced outwards to prevent clogging Side plates designed to prevent soil ejection from the sides of the rotor housing and solid support is provided at each side of the cover Full width tillage Completely enclosed drive shaft to the precision heat-treated gears and a heavy-duty gearbox to resist shock loads and wear Gearbox construction—with no chains or belts—provides a unit that is practically maintenance free

Front mounted guide wheels as standard equipment (skids available as optional equipment) give precise depth control and maneuverability

Whatever your tilling needs call on Kuhn to turn under crop residues clean stubble rejuvenate grassland or provide good soil aeration and irrigation in orchards vineyards market gardens landscaping or for large homeowners Six complete tiller series with efficient power needs of as little as 12 to 35 h p up to 140 tractor h p for the largest models Tiller working widths from 30" to 120"

RAKING AND TEDDING WITH THE SAME MACHINE!

Kuhn Combination Tedder/Rake utilizes the latest techniques in both design and practicability, they will produce results equal to, if not better than, the single purpose rake or tedder.
Two machines fundamentally different, combined in one frame.
When tedding or raking, the crop is handled with care. Minimum leaf loss - No roping.

KUHN COMBINATION TEDDER/RAKE MACHINES
GRS 2410' Tedder, 10' Center Delivery Rake
GRS 2511'4" Tedder, 11'2" Side Delivery Rake allowing two windrows to be put side by side, creating a windrow of ideal shape for round balers.

NOW IS YOUR CHANCE TO BUY THAT KUHN GYRORAKE YOU NEED AND GET A $400 REBATE!

KUHN

The articulated 3-point frame ensures regular density swaths without unsightly mounds, even when negotiating the tightest corners. When raised for transport, the unit automatically locks into a central position directly behind the tractor.

KUHN RAKES

8', 10', 13' available. 3 pt. mounted models and 3 pt. mounted model with unique articulating frame that works like tow behind models.

Delicate crops must be handled with extreme care during windrowing to ensure the leaves remain on stems. **For This You Need A Kuhn Gyro Rake!!!**
The Gyrorake produces single or double swaths, puts two swaths into one, turns and moves the crop all with the same gentle action. A well shaped swath is formed whilst leaving the raked ground clean.
Thanks to its large working width, the GA 402 is ideal for high capacity raking.

CUSTOMER NAME _____
ADDRESS _____
TELEPHONE _____
EQUIP. PURCHASED Model 402 Only
SERIAL NUMBER _____

Coupon Must Be Sent In By Dealer With The Sales Slip For Customer To Receive A Check From The
C.A. McDADE COMPANY, INC.
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This rebate allows you to purchase a 13 ft. rake for the price of a 10 ft. rake!!!

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In today's farm market, Versatility = Profit

Low-Cost FUERST F-L-E-X-I-B-L-E TINE HARROW®

"People are surprised at the things the harrow can do, it is nice that a tool that simple can do so many things."
Mr. Leonard Pyle — Marshall, IN

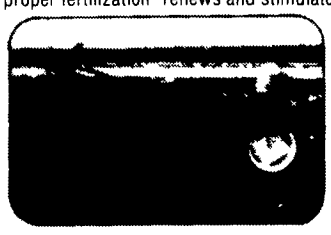
Watch For Our Demonstration At The Show!

PASTURE MAINTENANCE

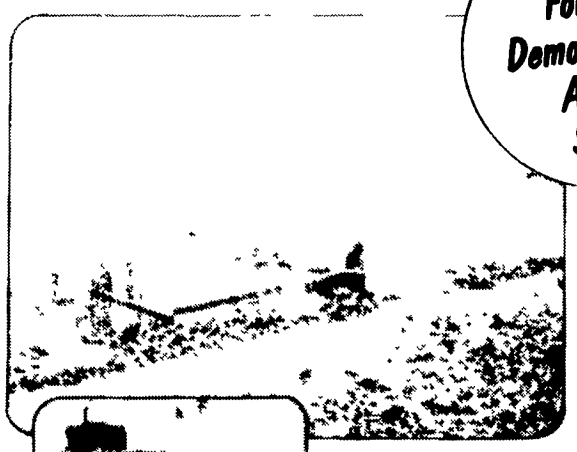
Early spring harrowing speeds up turn out time from 3 to 10 days Spreading livestock droppings provide more useable pasture helps control parasites allows better incorporation of manure increases moisture penetration tears out dead growth and works in fertilizer while cultivating and stimulating growth

PASTURE RENOVATION

Harrowing of previously marginal or overgrazed areas coupled with proper fertilization renews and stimulates pasture land University of Illinois testing found overseeding by broad casting followed by a Fuerst Harrow out performed equipment costing several times as much The Fuerst Harrow prepares a shallow seed bed with minimal distur bance to existing growth Harrowing after seeding covers the seed for greater germination



Harrow Lift available to make the harrow even easier to transport for 8 10 and 12 ft models



HERBICIDE INCORPORATION*

Independent research by Dr LaFayette Thompson us ing black light photography proves that the Fuerst Her cules Harrow behind your disk or cultivator gives 'near perfect incorporation in one pass superior to implements costing several times as much Brings up residue yet won t plug up, even on trashy fields

Pictured above is the harrow teamed with the Fuerst Harrow/Cart which features folding wings for easy transport between fields without impairing the harrow s ability

The cart pulled behind your disk or cultivator follows tight turns takes little additional power Saves time fuel and money

Actual soil profile showing incorporating abilities of Hercules

Cultivator alone
Erratic weed control

Same cultivator pulling Fuerst Harrow
Excellent weed control

CONSERVATION TILLAGE

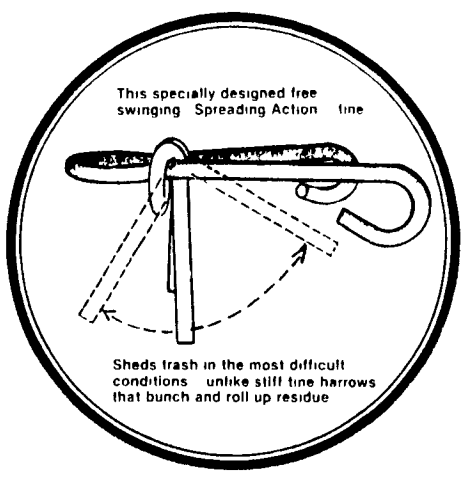
A Fuerst Harrow in tandem with disk, field cultivator or chisel plow brings real meaning to the term "conservation tillage — without trash clogging problems A one-pass application breaks up clods levels and sifts soil granules downward, preparing a seedbed that holds seed in solid contact for earlier germination All this in one economical trip across the field

Use the Fuerst Harrow as a valuable implement by itself for seedbed renewal breaking up crust or first cultivation

"The Fuerst Harrow improves upon the grain drill," says Richard Martin of Burton View IL The harrow corrects a lot of mistakes the drill makes It levels the seedbed and firms the soil around the seed We ve seen beans emerge two days sooner in fields where we har rowed

COVERS BROADCASTED SEED

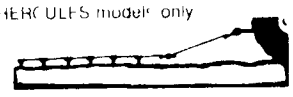
We used our Fuerst Har row for covering rye on top of corn stubble and got ex cellent results says John McDowell of Mercer Penn sylvania The rye was up in four days it usually takes five to seven days and it comes up as even as you would want it because the seedbed was nicer


This specially designed free swinging Spreading Action tine
Sheds trash in the most difficult conditions unlike stiff tine harrows that bunch and roll up residue

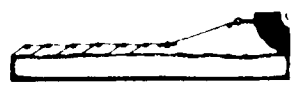
FUERST F-L-E-X-I-B-L-E TINE HARROW®

ADJUSTABLE PENETRATION FOR GREATER VERSATILITY

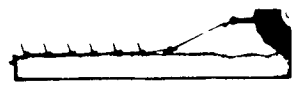
HERCULES models only



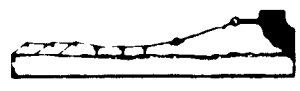
MAXIMUM PENETRATION
Tines down pointed slightly back



LIGHT PENETRATION
Tine down pointed further back



SMOOTHING, FLOATING
Tines up pull in either direction



TWO JOBS IN ONE PASS
Front section maximum penetration rear section light penetration or floating

Mail this coupon today for a free field demonstration on the FUERST Harrow Cart.

NAME _____

ADDRESS _____

_____

PHONE _____

Mail To:

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Prevent data loss

(Continued from Page E12)

protect computer systems; the technology used in the Defender series is so quick that company tests have yet to disclose a system or situation in which a change-over was anything but invisible. It boasts a typical transfer time of 4 milli-seconds (thousandths of a second, abbreviated ms; 10 ms maximum in phase). When power is restored, it's twice as fast to switch. The Defender inverter provides a low-distortion (pulse width modulated) AC sine wave with both Voltage and frequency regulation.

Automatic safeguards disconnect batteries after prolonged outages to prevent a condition known as sulphation, a potential battery hazard. Defender and Computersave units also provide battery discharge alarms; each includes a local or remote (form C) contact set for remote annunciation. Internal fuses provide input-line short circuit protection. Series 36 and Computersave units provide both electronic and magnetic short circuit/overload protection of the output; Defender units offer both electronic and thermal output short circuit/overload protection, with manual reset.

Series 36 units are each mounted in a heavy-gauge sheet metal louvered cabinet with front-opening key-lock panels; it measures 32x32x11 inches (HWD) and feature grounded dual-duplex (four) power outlets. The front panel boasts a battery DC Voltmeter; an AC output Voltmeter; a battery-charge ammeter; telltale status lamps for Utility Power OK, Inverter Bypassed and High Charge; and a system self-test switch.

Computersave units are mounted in heavy-gauge sheet metal cabinets with ventilation louvers, and measure 12½x12x21 inches (HWD). Each offers four grounded power outlets. The front panel offers an inverter on/off switch and indicators for Utility Power OK, Inverter Bypassed and Emergency Power On.

Defender units come in compact (7x17x20 inches, HWD) sheet metal cabinets with nonflammable chassis and cover, and can be placed vertically or horizontally; a 19-inch wide rack mount is also available. The front panel offers an inverter on/off switch and lamps for Utility Power OK and Emergency Power On.

For further information contact Computer Power, Inc., 124 West Main Street, High Bridge, NJ 08829; (201) 638-8000.

Marketing plan a big plus

CHICAGO — Most farmers still do not operate from written marketing plans, says William R. Mullins, Director of Farm Marketing for Geldermann, Inc. and a former president of the National Corn Growers Association.

A recent survey conducted by Geldermann among corn and soybean producers in Indiana, Iowa and Illinois indicated that many do not go beyond figuring their production costs.

"In most cases," says Mullins, "the farmers just never find the time to think through their pricing goals and marketing strategies in advance and then commit it to writing, even though many feel it would be a good idea."

To help farmers improve their profits through better marketing, Geldermann is offering to tailor a written marketing plan to each producer's operation. Based on the farmer's inputs, the plan covers profit objectives, market analysis, how to maintain control, marketing alternatives, length of marketing period, plus a timetable for updating the plan and reviewing results.

Mullins is a firm believer in written marketing plans. He's used them in is own corn and soybean operation for the past 5 years.

"It's one of the best investments a farmer can make," says Mullins. "And more and more bankers are insisting on written marketing plans from their farmer customers."

Most of the farmers surveyed felt a written marketing plan would help improve their marketing discipline.

A name in forage that will grow on you...

Versatile TRICAL

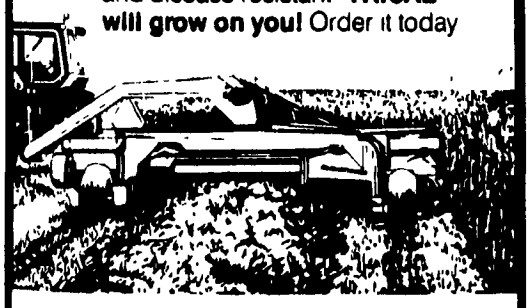
For extended grazing seasons and higher stocking rates an excellent nurse crop for alfalfa with lots of high protein the first cutting. for excellent silage with top nutritional quality and palatability the name of choice for double cropping

Productive TRICAL 100

Has a deep rooting system for optimum utilization of soil moisture and nutrients Properly managed, it will allow a heavy cutting for silage, followed by grazing after a period of only a few weeks

Dependable TRICAL

Excellent winter hardiness adaptable to a wide range of climates and soils. highly drought tolerant and disease resistant **TRICAL® will grow on you!** Order it today



Stop By For Details At AG PROGRESS DAYS

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Emmaus, Pa. 215-967-4131
York, Pa. 717-764-9814
Mifflinburg, Pa. . . 717-966-3841

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C.L. King - 717-786-7229

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Big Dutchman cage systems are the "standard" by which all others are measured So why not start your cage shopping with the No 1 company in the field

We can provide "all" the components that make up a complete cage system and therefore are able to guarantee reliability control, cost savings and one source service

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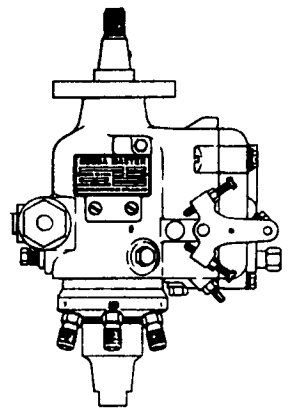

Your Single Source For Quality New & Remanufactured Diesel Injection Systems Since 1952.
Agricultural - Automotive - Truck - Industrial

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NOW OPEN IN LANCASTER
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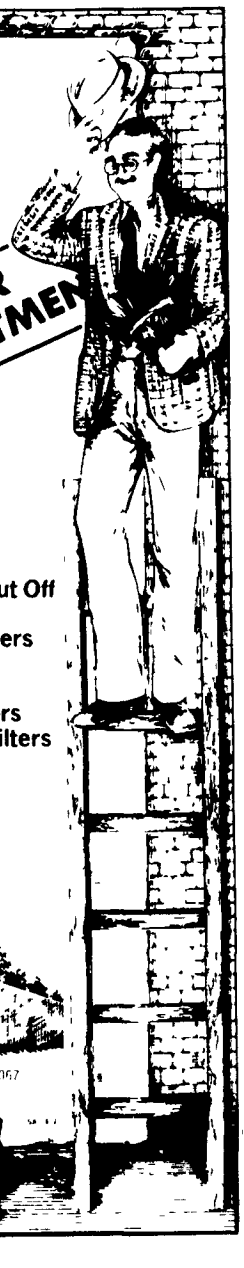
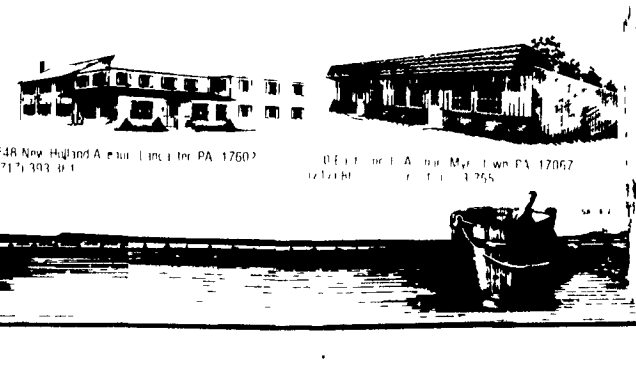




Huntingdon County DHIA Monthly Report

dhia
Pennsylvania Dairy Herd Improvement Association

June, 1985
ROLLING HERD AVERAGES

Owner	Brd.	No Cows	Days In Milk	Lbs Milk	Lbs Fat
Edwin Steach	3	69 6	86 5	21,189	777
Daland Farms	3	108 3	88 0	19,202	744
John S Kyper	B3	49 1	87 9	20,133	731
Sangrey Bros	B3	106 5	88 4	18,790	719
Gerald E McMath	3	75 8	88 1	19,531	717
Gregory&Nancy Yocum	B3	28 3	93 2	17,397	695
Branstetter Farms	B3	74 6	78 7	18,911	693
Gibboney Farms	3	56 7	87 4	19,382	690
Evergreen Farms	B3	394 1	84 6	18,991	686
Gillbrook Farms	B3	170 1	87 1	19,660	684
Glenn Peachey	3	77 3	87 5	18,449	683
Locust Lane Farm	B3	89 2	87 4	18,013	682
Behrer Farms	B3	169 8	86 8	18,514	680
Breezy Hollow Farm	3	73 7	85 5	18,994	674
Joseph McMath	3	55 0	85 0	17,631	659
Max Isenberg	B3	84 4	88 5	18,958	657
Chester/Carole Smith	B3	128 3	85 6	18,285	656
Durbin Farms	B3	144 4	86 4	17,093	651

Owner Name or No	Brd	Age	Days In Milk	Lbs Milk	Lbs Fat
Gillbrooks Farm					
KE 1183	3	10 5	305	27 440	1030
#CC1745	3	1 9	305	25 707	985
160B	3	5 2	305	21,287	776
BV 1547	3	3 11	305	22 882	767
Joseph McMath					
Cocoa	3	4 7	305	24,634	931
Breezy Hollow Farm					
Mada 49	3	6 2	305	22,371	925
LadyB43	3	4 3	305	22,276	835
Wilma48	3	5 6	305	21 234	794
Chester&Carole Smith					
117	3	6 10	305	18,314	882
263	3	5 9	305	21,426	757
Glenn Peachey					
Honor	3	4-9	305	19,492	868
Branstetter Farms					
#Cindy	3	3 6	305	22,191	867
#Lisa	3	3 3	305	21,051	792
Thunder	3	3 1	305	18 922	752
Edwin Steach					
Sylvia	3	5 8	305	24,558	864
Lucille	3	5-6	305	20,776	822
Moa257	3	3 2	305	20,552	818
Evergreen Farm No #3					
785	3	10 6	305	27,722	858
1742	3	3 2	305	24,116	855
1589	3	4 2	305	23,293	833
1119	3	7-8	305	18,691	812
1581	3	4 4	305	21,562	758
1625	3	3 11	305	19,067	753
1605	3	4 2	295	16,795	750
Max Isenberg					
Elvira	3	5 1	305	21 449	836
Raquel	3	3 8	305	20 724	830
Daland Farms					
Melina	3	6 11	305	18 905	832
Hattie	3	6 2	305	18,353	776
Lakevue Farms					
Bettie	3	5 11	305	18 805	802
Gerald McMath					
Dew	3	8 3	305	23 382	798
Behrer Farms					
175	3	5 11	263	18 199	793
350	3	2 11	305	17 615	772
181	3	5 8	305	19,299	750
N&N Farm					
Y68	3	3 4	305	20 747	774
Willard J Yoder					
123	3	4 7	305	21 906	753

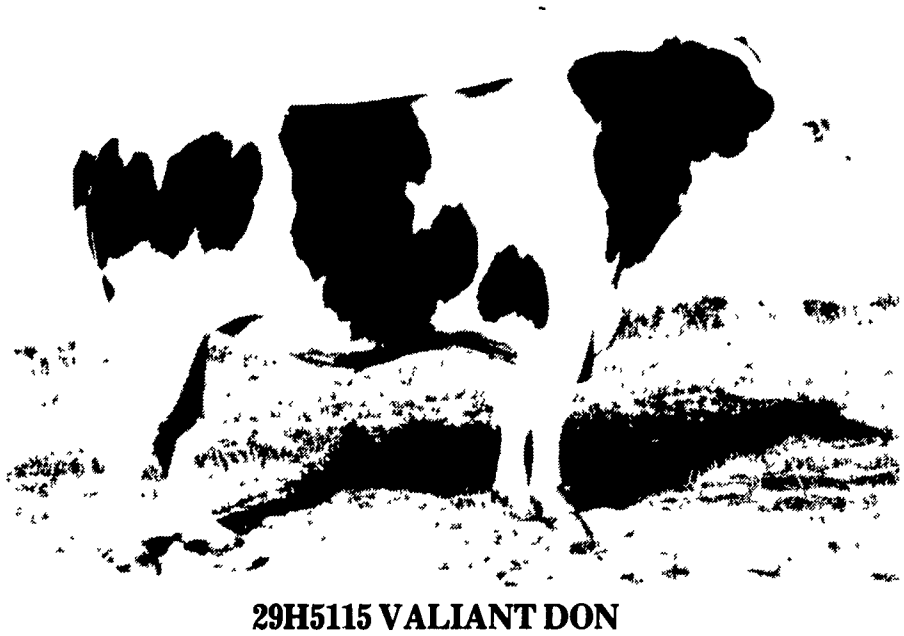
QUEEN ANNE'S COUNTY DHIA
May, 1985
Top Ten Herds In May

Harry L Schrader&Sons	146	54 7	2 05	56 8
Charles R Patterson	95	57 3	1 97	56 7
Kimstead Farm	81	54 3	1 95	55 2
Franklin&Jeffrey Moore	106	56 4	1 89	55 1
F Reed Leaverton	87	52 1	1 88	53 0
W Edward Palmatary	149	47 6	1 81	49 9
McFarland Wm &Wayne	99	53 3	1 64	49 7
John&Donald W Skinner	66	46 4	1 73	48 2
Ronald&Tom Smith	45	47 3	1 49	44 7
Mathew Gulrich Jr	45	44 8	1 55	44 5

ABS

TWO NEW VALIANT SONS

ABS



29H5115 VALIANT DON
Astro Valiant Don VG-86
USDA 7-85 RPT 43%
+$122 +765M +.09% +43F
HFA 7-85 58% RPT
+1.67 PDT +608TPI
Pedigree: VALIANT X MARQUIS CHALLENGER

29H3779 UNCAS
N-Silverbrook Chief Uncas VG-88
USDA 7-85 RPT 63%
+$106 +1191M −.13% +19F
HFA 7-85 RPT 61%
+.30 PDT +502 TPI
Pedigree: VALIANT X BOOTMAKER

OTHER EXCITING VALIANT SONS AT ABS

29H5100	Gold	+$198	+1583 M	+.01%	+58 F	56% RPT	+1.28 PDT	+755 TPI	62% RPT
29H3828	Sir Arn	+$168	+1244 M	+.04%	+53 F	44% RPT	PDT	N/A	N/A
29H3747	Merit	+$117	+1082 M	−.05%	+29 F	66% RPT	+1.30 PDT	+589 TPI	66% RPT
29H5210	Rose Valiant	+$115	+ 863 M	+.03%	+36 F	19% RPT	+ .70 PDT	+532 TPI	24% RPT
29H3767	Ramses	+$114	+1073 M	−.06%	+28 F	60% RPT	+ .25 PDT	+506 TPI	55% RPT
29H3752	Galahad	+$110	+ 657 M	+.09%	+40 F	58% RPT	− .25 PDT	+442 TPI	52% RPT
29H3805	Brady	+$106	+ 942M	−.03%	+28F	63% RPT	+1.03 PDT	+543 TPI	46% RPT

ABS A BETTER BEGINNING
AMERICAN BREEDERS SERVICE
Division of W R Grace & Co

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Carlisle, PA , Wayne Piper	717-532-4401
Clifford, PA , William Horton	717-222-3224
Coburn, PA , Wendel Musser	814-349-5310
Columbia, PA., James Charles	717-898-8694
Dornsife, PA., Steve Kieffer	717-758-1714
East Earl, PA., Darvin Yoder	717-733-0966
Gardners, PA , Grant Gardner	717-677-9471
Holtwood, PA., Paul Herr.	717-284-4592
Lebanon, PA., Paul Martin	717-949-2381
Leola, PA., Lynn Gardner	717-656-6700
Linden, PA , Larry Bower	717-323-9710
Mifflinburg, PA , John M. Beachy	717-966-1344
Mifflintown, PA., Mervin Zendt	717-436-6386
Millville, PA , Wilmer Hendricks	717-458-5949
Ottsville, PA., David Wolfinger	215-847-2619
Reading, PA., Andrew Cooper .	215-378-1212
Reedsville, PA., Chester G. Selfridge .	717-667-3181
Stewartstown PA Tom Engle	717-993-6836
Thomasville, PA., Ira Boyer	717-225-3758
Ulysses, PA., Bonnie Barker	814-848-7674
West Grove, PA., Sid Peters	215-869-9187

IN NEW YORK

Johnson, NY, Peter Vander Schaaf	914-355-1692
Pen Yan, NY, Calvin Crosby	315-526-6144

IN DELAWARE

Kirkwood, PA , Dan Rush	717-529-6548

IN NEW JERSEY

Baptistown, NJ, Cindy Gordeuk	201-996-2088
Elmer, NJ, Cyndy Hetzell.	609-455-8187
Lambertville, NJ, Robert Fulper	717-658-7316
Port Murray, NJ, Robert Kayhart	201-689-2605

IN MARYLAND

Detour, MD, Jim Carmack	301-775-7221
Mt. Airy, MD, Allan Pickett.	301-663-4191

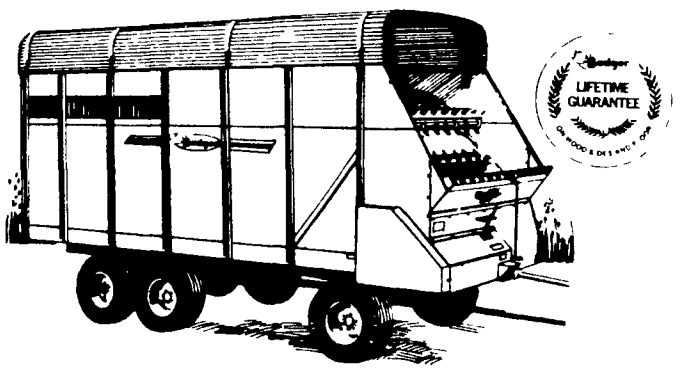
HAYMAKER SPECIAL

Badger

• WAIVER OF FINANCE Till April 1, 1986 On Boxes, Mower Conditioners And Forage Blowers **OR** • BIG CASH REBATE

Contact Your Badger Dealer For Full Details

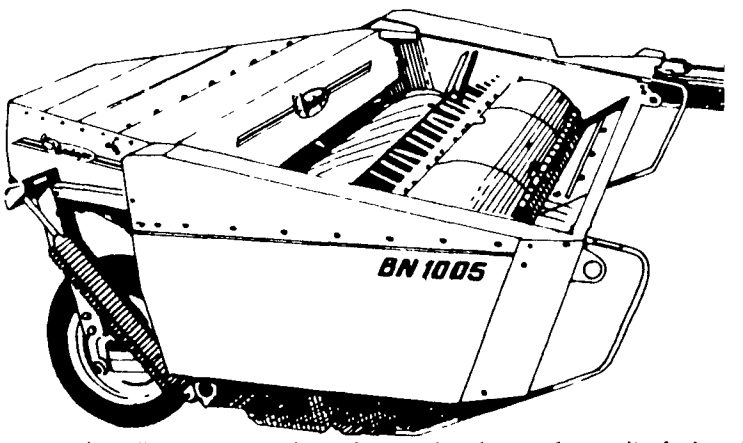
The Best Forage Box You Can Buy Is Built By Badger



Here's Why Badger Boxes Outlive Other Brands!

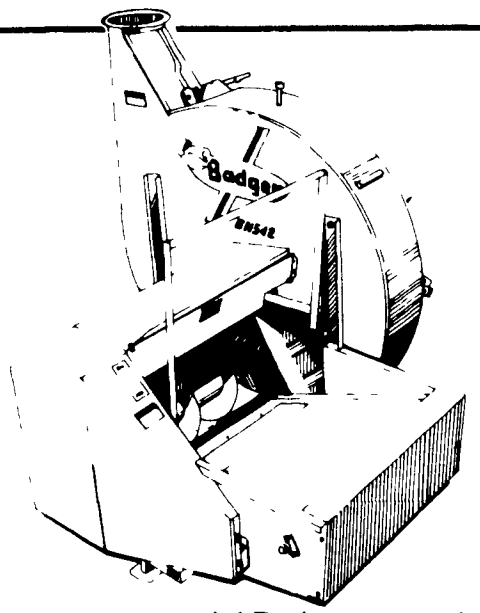
- Badger is one of only a few who build their own complete units — quality control is controlled
- Tough all steel structural frame
- Marine grade plywood sides and floors with original owner lifetime guarantee!
- Heavy-duty pintle chain main apron and cross-conveyor
- Simple chain drive for beaters and apron
- Easy maintenance
- Enameled roof with roof edge protector
- Options to suit you! High speed unloading kit/rear unload/cross-conveyor extension/hydraulic drive.

Badger's Mower/Conditioner.. Ground Hugging, Clean Cutting Efficiency At It's Best!



Badger's Mower/Conditioners are quiet, solid running, heavy-duty units designed to get all of your valuable forage crop without overconditioning.

Built rugged for less maintenance, longer life. This unit features an adjustable dial hitch reel speed and tooth pitch. Wheel to cutter bar distance is only 38" to follow ground contours and get all the crop. Unitized header dampens high speed bounce.



NO SILO TOO HIGH

They haven't built a silo that the Badger Blower can't fill. No matter how high or how big, the Badger Blower can fill 'em all.

It's simply the smoothest running, toughest blower you can buy, outperforming other models in volume and speed.

It will take anything you give it, forage or grain. And the special Badger magnet catches tramp iron.

Get together with your Badger Dealer today and get ready to fill your big silo.

Stop By The BADGER EQUIPMENT DISPLAY At AG PROGRESS DAYS

Located On East 3rd Street

WAIVER OF FINANCE

On All Manure Handling Equipment

Till October 1, 1985

NEED A BARN CLEANER REPLACEMENT CHAIN?

See Your Badger Dealer For SPECIAL SALE PRICE

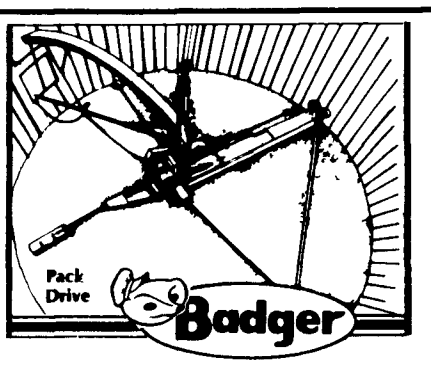
Limited Time Only See Page A34

WE OFFER A FULL LINE OF EQUIPMENT WITH FINANCING OR LEASING

4 Months Waiver On All Farmstead Equipment

BIG CASH REBATES Offered On BADGER PACK DRIVE UNLOADERS Till October 1, 1985

Contact Your Badger Dealer For Further Details



Badger

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HETRICK FARM SUPPLY
Rt 1
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Honesdale PA 18431
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c/o Joe Hutton
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PH (412) 437 9851

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Lancaster County DHIA Monthly Report

Pennsylvania Dairy Herd Improvement Association

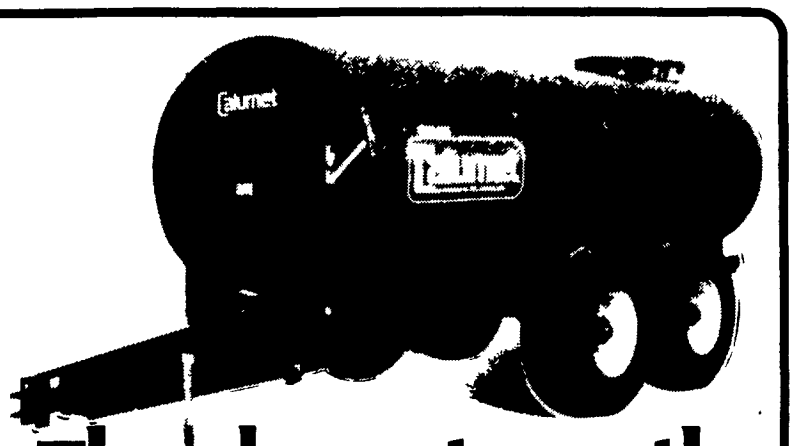
June, 1985

A Registered Holstein cow owned by J Mowery Frey Jr , 401 Beaver Valley Pike, Willow Street, completed the highest 305 day lactation Gerry produced 27,281 lbs of milk, 1,246 lbs of butterfat with a 4 6% test Second high lactation was completed by a Registered Holstein cow owned by J Mowery Frey Jr , 401 Beaver Valley Pike, Willow Street Missy produced 26,554 lbs of milk, 1,074 lbs of butterfat with a 4 0% test in 305 days

FIRST 305 DAYS OF LACTATION WITH 720 OR MORE LBS. OF BUTTERFAT

Owner Name or No.	Brd	Age	Days In Milk	Lbs. Milk	% Fat	Lbs Fat
J Mowery Frey Jr						
Gerry	RH	6 9	305	27,281	4 6	1246
Missy	RH	6-10	305	26,554	4 0	1074
Cinders	RH	2 7	305	22,245	3 9	868
Ramona	RH	7 6	305	18,448	4 5	826
Best	RH	5-11	305	24,852	3 2	805
Amy Jess	RH	6-2	305	21,571	3 6	781
Teresa	RH	4 5	305	20,011	3 7	743
Benuel Z Lapp						
Pansey	RH	4-9	305	24,202	4 2	1024
Daisy	RH	5 8	305	26,179	3 7	965
Lily	RH	2-10	305	21,850	3 9	843
Brenda	RH	7-11	296	23,939	3 3	796
Nathan E Stoltzfus						
Denise	RH	6-7	305	29,614	3 5	1023
KelJoy	RH	6-8	293	20,911	3 7	770
John R & Rick Groff						
Rose 66	RH	8-5	305	20,047	5 0	1003
Robin 67	RH	4-4	305	17,840	4 7	842
Lilac 33	RH	7-4	305	19,785	4 0	787
Fertrell Farm						
36	RH	4-10	305	27,062	3 6	980
98	GrH	2-1	305	19,941	4 0	800
15	RH	5-9	248	24,715	3 2	797
82	RH	3-11	305	23,550	3 2	749
John & Barb Brubaker						
Robin 47	GrH	4 6	305	23,831	4 1	979
Ellen 16	RH	4 3	305	21,507	4.4	950
Gay 63	RH	6 5	305	26,419	3 5	920
Joann 64	RH	4 4	303	24,646	3 6	880
Dee 69	RH	3 7	305	19,243	4 5	862
Mlind 28	GrH	5-8	305	29,203	2 9	851
John H Howard						
Anne	RH	6 0	305	28,264	3 5	977
Vicky	RH	5 11	278	22,314	3 6	811
Robert H Rohrer&Sons						
214	GrH	5 7	305	28,975	3 3	967
286	GrH	4 10	295	19,118	4 3	827
87	GrH	4 2	305	20,662	3 8	777
40	GrH	6 9	305	21,968	3 4	741
C Nevin Hershey						
Eeta	RH	5 4	305	19,818	4 9	966
Teresa	RH	3-4	305	22,519	3 8	845
Running Springs Farm						
Carrie	GrH	5 10	305	21,465	4 4	953
Dee	RH	5 1	305	23,112	3 8	888
Apple	GrH	10 5	302	21,986	3 8	845
Kit	GrH	6 3	305	22,082	3 7	813
Bee	GrH	5-7	305	24,476	3 2	778
Glenn E Burkholder						
Jamie	RH	5-7	305	24,756	3 8	942
Lady	RH	12 1	305	22,981	3 4	787
Judy	RH	5 1	305	23,715	3 3	784
David R Stoltzfus						
57	GrH	4-11	305	23,237	4 0	931
Wilmer R Martin						
Valerie	RH	5 6	305	20,671	4 5	929
Gretel	RH	3 7	305	19,308	3 7	721
Lenewood Farm						
Ava	RH	6 9	302	24,279	3 8	925
Georgia	RH	3 0	305	21,353	3 7	798
Darla	RH	4 4	305	23,050	3 3	762
Susan	RH	8 10	305	20,033	3 7	747
Earl & Steven Neff						
Wilma 58	GrH	3 7	305	21,141	4 3	911
Christian Zook						
Coleen	RH	4 9	305	22,333	4 1	906
JS Dienner Sons						
Liz	RH	6 9	305	24,101	3 8	904
Terry	RH	8 9	301	20,888	3 9	806
Linda	RH	8 10	305	23,280	3 4	793
Ken & Nelson Stoner						
135	RH	3 8	305	22,919	3 9	890
J Wade Groff						
Pony	RH	6 1	305	18,586	4 8	889
Zeldia	RH	5 10	305	20,452	3 7	764
Omar Smoker						
Val 34	RH	6-9	305	23,543	3 8	887
B 6 1	RH	7 6	305	20,193	4 0	813
Graywood Farms						
100	GrH	4-8	305	26,689	3 3	885
421	GrH	4-5	305	22,048	4 0	871
162	RH	4-3	305	21,983	3 5	761
39	GrH	8 6	305	20,303	3 7	760
234	GrH	5-3	305	19,092	3 8	731
David B King						
Vivian	RH	5-4	305	20,997	4 2	884
Valiant	RH	3 2	305	22,698	3 5	799
John Z Weaver						
11	GrH	5 0	305	20,773	4 2	882
69	RH	8-3	305	20,954	3 7	774
Bart Dell Farm						
Debby 37	RH	5 3	305	24 766	3 5	879
Glenn D Hershey						
Alice	GrH	5 5	305	22,877	3 8	877
Suella	RH	4 4	305	20,846	4 1	850
Flo	GrH	5 10	305	21,041	3 7	788
Esther	GrH	4 1	304	18,430	4 2	782
Paul S Horning						
Colombo	GrH	8 0	305	25,585	3 4	876
Effie	GrH	9-4	305	24,372	3 6	876
Rhonda	RH	4 7		22 342	3 9	874
Heidi	GrH	5-5			3 4	793
Edie	GrH	4-9	305	19,2	4 0	76
Etta	RH	9-0	298	19,384	3 9	
GM Weaver						
Gell	GrH	3 7	305	20,300	4 3	872
7	RH	3-10	305	28,554	3 0	854
Ephraim D Riehl Jr						
Valiant	RH	3 3	305	23,770	3 7	871
Behave	RH	3-8	305	18,361	3 9	720
Emanuel S Smucker						
Faye	RH	5-8	305	21,550	4 0	871
Cindy	RH	6-6	305	20,059	3 8	764
Daisy	RH	4-10	305	21,428	3 4	739
Doll	RH	2-7	305	17,874	4 1	737
Hiram S Aungst						
Holly	RH	3-4	305	21,335	4 1	871
Kenneth L Balmer						
Gloria	GrH	6 5	305	23,015	3 8	865
Irwin E Engle						
167	RH	4 11	305	22 112	3 9	862
Aaron Z Martin						
30	RH	4 9	305	20,978	4 1	858
Norman L Hershey						
Nettie	RH	8 4	305	23,412	3 7	857
Miss	RH	5-4	305	20,713	4 0	833
Magen 5	RH	4-4	305	20 382	3 5	722
Andrew G Miller						
Mary	RH	4 4	305	23,493	3 6	855
Lamp	RH	6-3	305	21,847	3 5	763
Ivan Z Martin Bx 238						
Noreen	RH	4 10	305	22,551	3 8	854
Cheree	RH	4 5	305	17,758	4 1	731
Naaman W Stoltzfus						
Tamara	RH	11 5	305	20,608	4 1	849
Abram & John Barley						
80	RH	5 10	305	21,271	4 0	848
Jonas E Stoltzfus						
Acorn	RH	3-10	305	24,507	3 5	846
Mary 7	RH	8 0	298	20,099	3 7	751
Meadow Vista Farm						
Dorothy	RH	4 7	305	23,728	3 6	846
Lois	RH	6 10	305	19,700	4 1	814
Liz	RH	3-11	305	23,260	3 4	800
J Harold Fritz						
86	GrH	6-6	305	20,257	4 2	841
63	GrH	4-2	302	18,048	4 1	745
J Wilmer Conrad						
Lisa	RH	5 9	305	21,806	3 9	840

(Turn to Page E13)



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Flex-Auger in trough bottom restricts hens or pullets from piling feed and billing feed into pit and isles.

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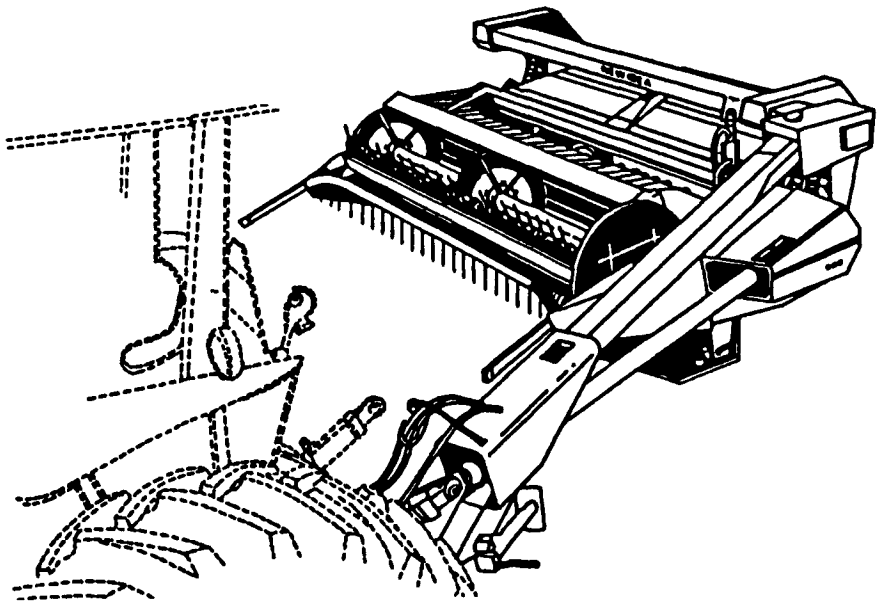
Lancaster Co. DHIA

(Continued from Page E12)

E Richard Bruckhart						
Coconut	RH	5-8	305	19,778	4 2	838
Robert E Kulp						
12	RH	5-3	305	20,891	4 0	836
28	RH	5-4	305	20,357	3 9	787
Rosegale Farm						
Maggie	RH	3 3	305	20,354	4 1	836
Melba	RH	9 6	305	19,315	3 8	729
Danda Farms						
Jean	RH	4 6	305	17,285	4 8	836
Paul M Fahnestock						
217	GrH	5 0	290	21,691	3 8	835
Earl S Weaver						
Dimples	RH	3-6	305	20,834	4 0	835
Blackie	RH	3 5	305	17,511	4 7	819
Tuts	RH	4-6	300	18,757	4 1	763
John L Landis						
6	RH	4-7	295	23,644	3 5	834
87	RH	1 11	305	22,246	3 3	727
121	H	0 0	284	19,691	3 7	723
Vernon R Umble & Son						
Thelma	RH	5-6	305	19,248	4 6	833
Candy	RH	2 10	305	17,459	4 7	818
Robert Gochenaur Jr						
2	RH	3-7	305	23,295	3 6	831
24	RH	6-6	305	21,593	3 4	734
Quarryville Presbyterian Home & Melvin Rohrer						
277	RH	5 7	305	22,340	3 7	831
297	GrH	4 7	305	23,133	3 4	781
Pequea Meadows Farm						
171 Dee	RH	5 11	305	18,984	4 4	826
245 Angl	RH	3-6	305	16,754	4 7	782
220 Tie	GrH	4 6	305	21,354	3 4	730
Reuben A Stoltzfus						
May	RH	5 2	305	20,646	4 0	824
Sandy	GrH	5 0	305	20 287	3 6	735
Arthur P Sweigart						
Pow Wow	RH	3 5	305	18 005	4 6	824
Alvin M Martin						
33	GrH	9-10	295	20,333	4 0	816
32B	GrH	5 3	305	20,770	3 7	760
Albert H Mellinger						
Dolly	RH	7 7	305	15,497	5 3	815
Liz	GrH	5 7	305	17,042	4 7	796
Mitsy	RH	4 1	305	21,168	3 7	786
Jean	RH	5 9	305	19,862	3 8	753
Jewel	RH	8-8	305	20,731	3 6	736
Henry U Stoltzfus Jr						
June	RH	4 0	305	22,070	3 7	814
Albert Breneman						
151 Andr	RH	4 11	305	18,209	4 5	811
Glenn R Bushong						
Maude	GrH	7 0	302	23,276	3 5	809
Joseph C Wivell						
Daisy	RH	5 2	305	18,766	4 3	809
Annette	RH	4 6	305	19,281	4 1	782
Mandy	RH	4 9	305	20,929	3 5	736

(Turn to Page E14)

STRONG ON VALUE



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717 859 2441

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MEYERS IMPLEMENTS, INC
717 597 2176

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SHARTLESVILLE
FARM SERVICE
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215 488 1025
H Daniel Wenger, Prop

Honesdale
MARSHALL MACHINERY
717 729 7117

Jersey Shore
THOMAS L. DUNLAP
717-398 1391

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WILLIAM F. WELLIVER
717 437-2430

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RD 1
717 865 4526

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STANLEY'S FARM SERVICE
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LANDIS BROS. INC.
717 291 1046

Lebanon (Fontana)
UMBERGER'S OF FONTANA
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717 867 5161

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HUTTON FARM EQUIPMENT
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717 463 2735

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Quarryville
A.L HERR & BRO
717 786 3521

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Lancaster Co. DHIA

(Continued from Page E13)

J Carl Zander						
Jan 34	GrH	5 9	305	19 627	4 1	808
John D Nissley						
Brooks	RH	5 9	305	20 032	4 0	807
Richard N Sauder						
Eva Jane	RH	6 4	305	22 752	3 5	806
Eugene S Martin						
Pat	RH	4 6	305	19 328	4 2	806
Weaver Homestead Farm						
59	GrH	2 0	305	18 586	4 3	806
26	GrH	6 7	305	20 980	3 7	780
66	GrH	3 2	305	19 317	4 0	766
32	GrH	2 0	305	16 329	4 6	746
Robert Kauffman Jr						
Mercury	RH	3 4	305	21 023	3 8	803
Jen	RH	5 1	305	23 171	3 4	793
Eva	RH	8 3	305	21 455	3 7	790
Carmel	RH	4 3	305	20 908	3 7	773
Willis M Martin						
Penny	RH	3 9	305	18 841	4 3	803
Viola	GrH	3 9	305	17 537	4 5	785
Noah Kreider & Sons						
299	GrH	4 7	290	21 486	3 7	802
211	GrH	7 3	305	22,620	3 4	759
504	GrH	3 7	284	20,228	3 6	737
John P Lapp						
Suzette	RH	2 10	305	19,743	4 1	802
Beauty	RH	4 4	284	18 602	4 3	793
Darryl Bollinger						
Jade	RH	5 0	305	23 778	3 4	801
Helen	RH	4 2	305	23 232	3 2	753
Alice	RH	4 4	305	23 643	3 1	728
Rohrer Brothers						
Matilda	RH	5 2	305	23 157	3 5	801
Star	RH	7 1	305	19 726	3 7	732
Nelson R Habecker						
31	GrH	3 0	305	19 340	4 1	801
Alelpa Farms						
814	GrH	5 1	305	21 355	3 7	800
C Hurst & J Sensenig						
Mylady	RH	5 11	305	19 664	4 1	798
Levi S Esh						
Wanda	GrH	3 5	305	18 895	4 2	796
Floyd Kreider & Son						
74	RH	4 8	305	21 309	3 7	795
Robert L Shelly						
Peace	RH	8 1	305	19 412	4 1	795
Kreider s & Nickle						
104	RH	5 11	296	18,080	4 4	795
42	GrH	3 1	305	16,908	4 5	766
44	RH	3 0	305	20 684	3 5	730
Randy J Stoltzfus						
86	RH	8 9	305	21 534	3 7	793
146	RH	3 4	305	16 600	4 4	735
Daniel M Stoltzfus						
Stardel	RH	6 8	305	20 428	3 9	791
Curtis E Akers						
Sally	RH	7 1	305	20 083	3 9	791
Muriel	RH	8 2	305	23 706	3 1	746
Nelson W Nolt						
74	RH	5 11	296	23 903	3 3	790
132	RH	2 11	305	20 906	3 6	763
107	RH	4 0	305	16 905	4 3	728
Kenneth B Garber						
Nicky	RG	7 0	297	17 436	4 5	788
Herbert L Mast						
75	GrH	8 9	305	18 484	4 3	787
Carl Weidler						
13	GrH	6 2	305	19 865	4 0	786
Raymond M Weaver						
1	RH	9 11	291	17 969	4 4	786
Raymond E Reitz						
Lucky	RH	3 0	292	17 731	4 4	785
P Robert Wenger						
Bev	RH	5 1	305	20 992	3 7	782
Jonas B Lantz						
Rivers	RH	6 3	305	21 078	3 7	781
Color 16	RH	5 8	305	17 726	4 3	755
Clifford & Joyce Blank						
Kris	RH	10 9	305	18 716	4 2	781
D Lamar Witmer						
Minerv	RH	2 1	305	23 676	3 3	780
Dale R Metz						
61	GrH	6 6	305	18 696	4 2	780
Glenn R Binkley						
22	GrH	3 5	305	21 810	3 6	777
Bright Meadows Farms						
Belle	RH	5 9	305	22 299	3 5	776
Nelson H Hershey						
76	RH	4 10	305	22 058	3 5	776
Leon Sensenig						
94	GrH	3 9	305	19,937	3 9	775
Paul V Nissley						
Jade	RH	6 4	305	18 797	4 1	775
Clair M Bowman						
14	RH	6 5	305	20 359	3 8	773
June	RH	4 1	305	17 459	4 2	725
Edgefield Farms						
Penny	RH	6 8	305	20,610	3 7	771
Dal Car Farm						
45 245	GrH	4 8	305	18 383	4 2	770
Robert C Groff						
Quail 59	RH	9 5	305	17 703	4 3	770
PBJan 21	RH	5 0	305	20 364	3 7	751
Donald R Bare						
71	RH	8 3	305	18 101	4 2	769
38	RH	4 6	305	20 928	3 7	765
74	RH	6 11	305	18 346	4 1	751
47	RH	5 10	301	16 695	4 4	736
77	RH	10 10	305	24 953	2 9	734
Fred Crider (Holstein)						
Flo	RH	6 1	305	20 026	3 8	768
Mahlon E King						
Charity	GrH	7 8	305	19 895	3 9	768
Paul B Zimmerman						
June	RH	6 9	305	16 925	4 5	768
Mona	RH	7 9	283	16 302	4 4	720
Roman L Stoltzfoos						
1	RH	5 6	305	17 897	4 3	762
Warren Z Good						
110	RH	3 2	305	16 407	4 6	762
Elmer M High						
72	RH	3 1	305	20 696	3 7	761
21	RH	7 8	305	16 650	4 5	751
Christian G Becker						
215	GrH	5 9	305	15 946	4 8	761
220	GrH	5 6	305	20 812	3 6	743
Red Knob Farm						
221	GrH	7 4	305	19 617	3 9	760
222	GrH	3 6	305	18 325	4 0	733
Benuel S Riehl						
Penny 17	GrH	9 3	305	18 427	4 1	760
Clyde W Martin						
Icicle	RH	3 6	295	17 119	4 4	760
Ruthann	RH	3 7	305	20 968	3 6	756
Felicia	RH	5 6	305	18 831	3 9	732
Delight	RH	5 6	305	20 126	3 6	723
Glenn F Shenk						
Nina	GrH	5 7	305	22 118	3 4	759
Ashevale Farm						
Beth	RH	5 0	305	20 542	3 7	759
John T Byers & Son						
14	GrH	3 5	305	15 768	4 8	758
18	GrH	6 10	305	17 497	4 3	753
Mark L Musser						
42	GrH	4 11	284	21 215	3 6	757
Neffdale Farm						
Gloria	RH	4 1	305	18 891	4 0	757

(Turn to Page E18)

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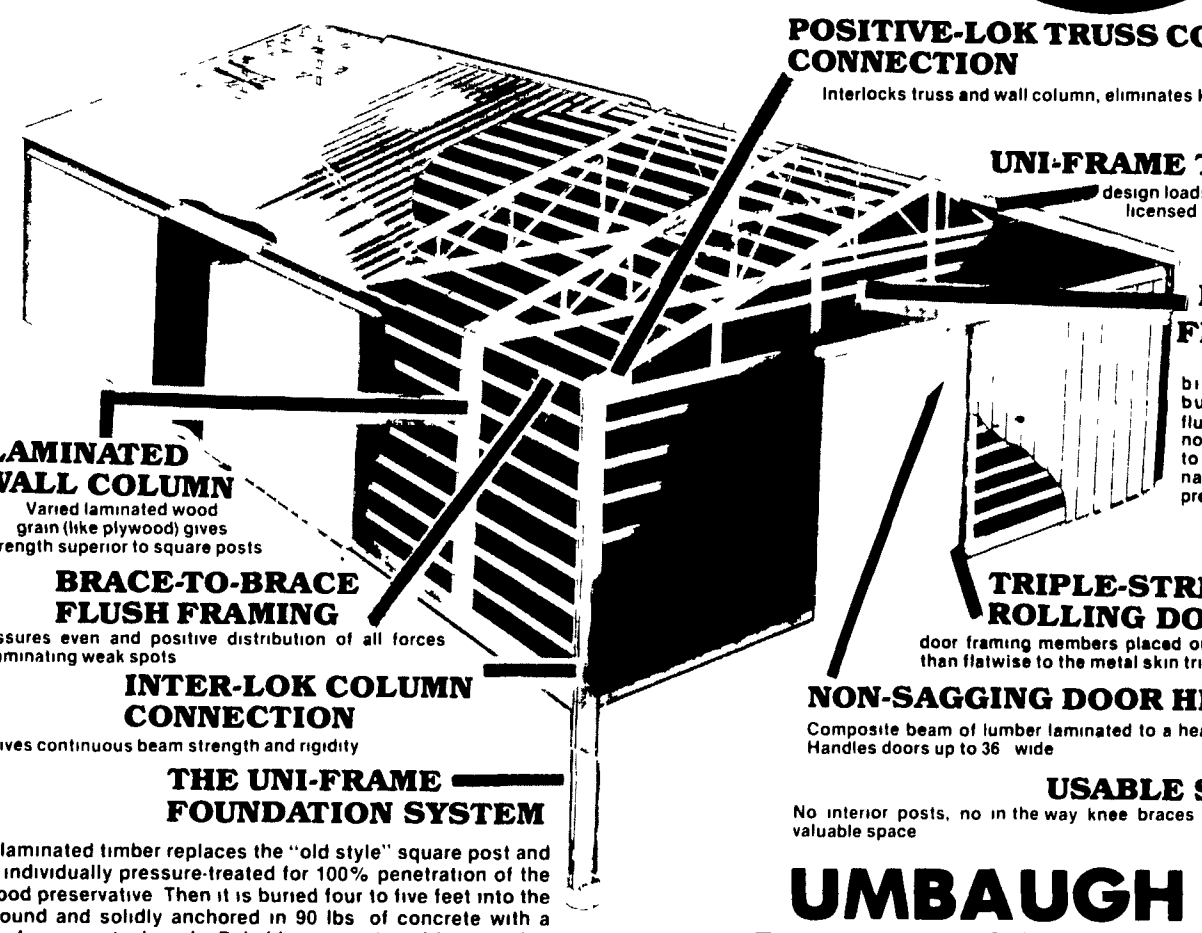

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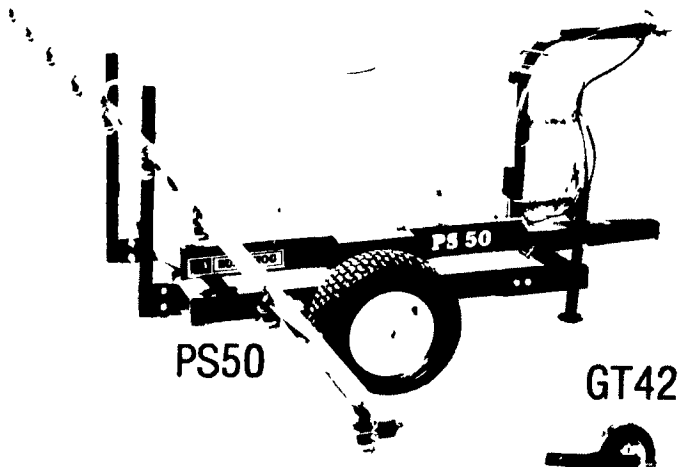

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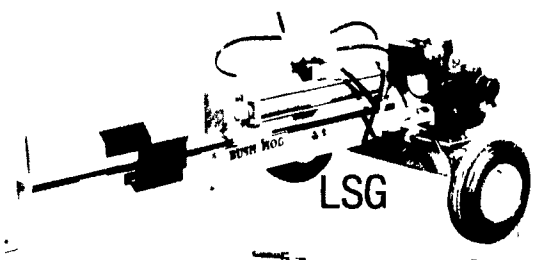

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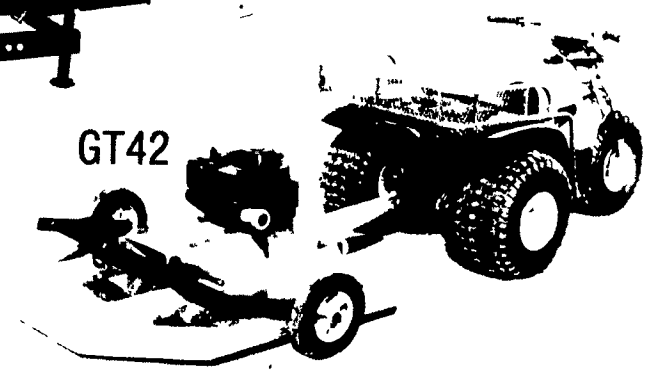
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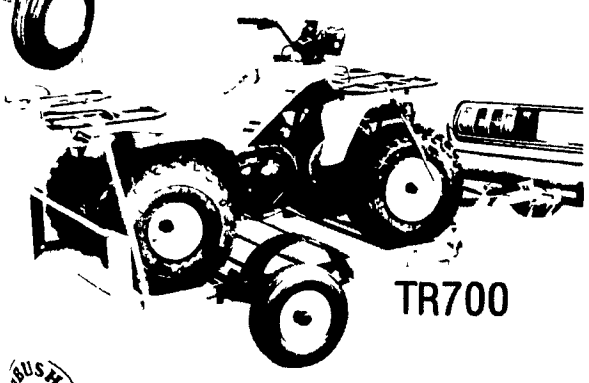
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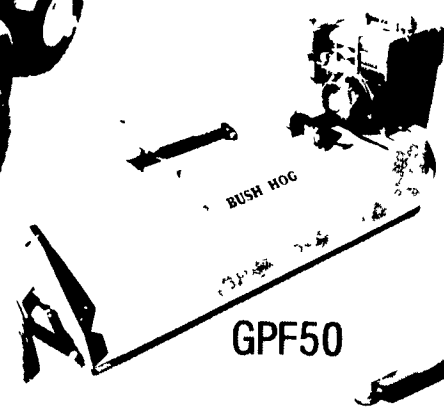

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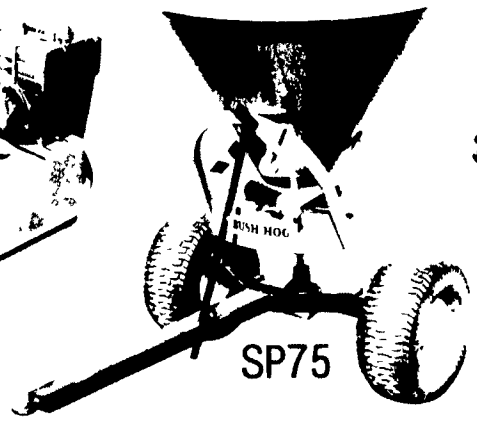
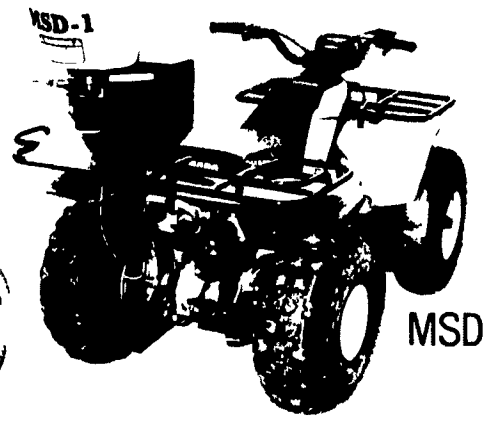


SP75



MSD-1

PS50/50-gallon pull-type sprayer for larger applications of herbicides or pesticides 4-row, 13' boom applicator and hand-held spray gun with a 30' reach Ideal for orchards gardens, large lawns and fields

LSG/Three gasoline-powered log splitters for logs up to 25½" 12 to 16 tons splitting force Attaches to any towing vehicle with a 2" ball-type hitch

MS10/10-gallon spray rig for applying herbicides or pesticides 50' boom applicator and hand-held spray gun with 20' - 30' reach For farm fence rows, orchards, drainage ditches and gardens

GT42/Genuine 42" Bush Hog rotary cutter For light and medium grass cutting — 1" to 6" tall Choice of 8 HP Briggs & Stratton or 11 HP Honda engine Hitches to any ATV or garden tractor

TR700/Handy trailer for fast, safe transport of any 3 or 4-wheel ATV Attaches to any vehicle with a standard 1-7/8" ball-type hitch

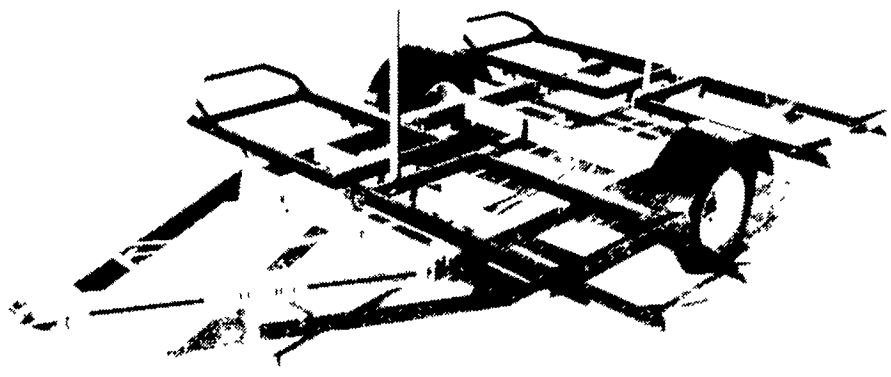
GPF50/50" flail mower for clean cutting on large lawns, golf courses, parks and municipalities 8 HP or 10 HP (industrial) Briggs & Stratton engine Mows grass from 1" to 3½ in height Extremely durable

SP75/75-lb capacity pull-type spreader for applying seed or fertilizer Light compact durable Smooth, even application

MSD-1/One-bushel capacity mounted seeder Broadcasts seed at 2 to 4 MPH Lightweight, easily attaches to any ATV Maintenance-free hopper

RBM-4 ROUNDBALE MOVER

- **Capacity of Four Large Round Bales**
- **Convertible To Handy Off Road Utility Trailer**
- **Simple, One Man Loading And Unloading**



An Easy To Operate, Economical Method Of Moving Large Round Bales.

SQUEALER ROTARY CUTTERS

Designed for grass and pasture clipping work and general maintenance cutting. Economical, but highly durable. Offered in a choice of five models: 36, 42, 48, 60 and 72 inch cutting widths.

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TRACTOR PARTS CO.
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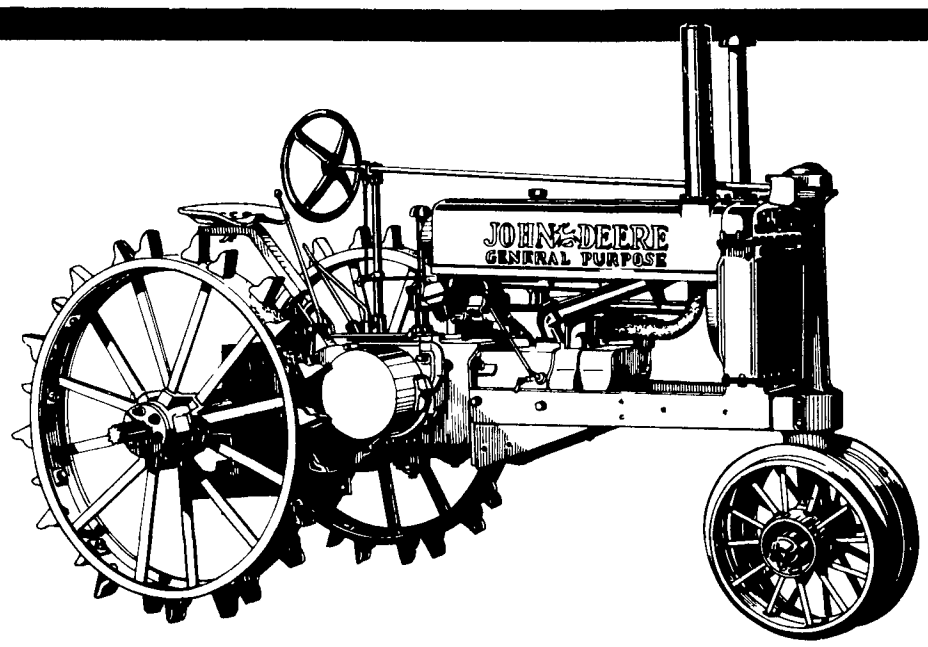
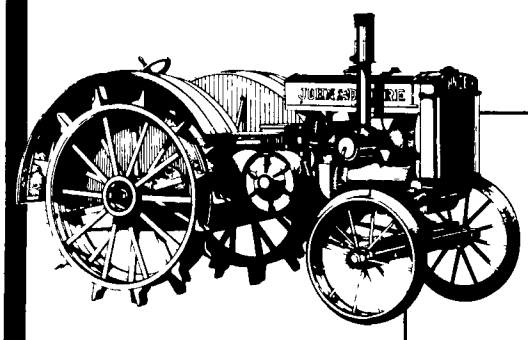
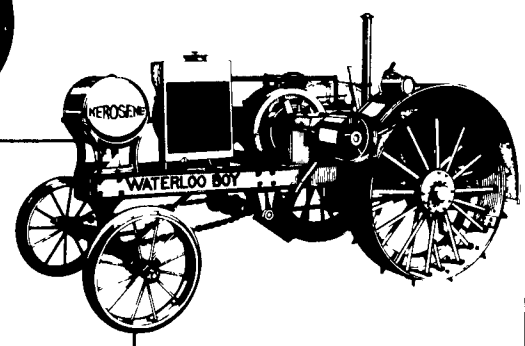
UMBERGER'S OF FONTANA
Lebanon, PA
717-867-5161

C.J. WONSIDLER BROS.
Quakertown, PA
215-536-1935





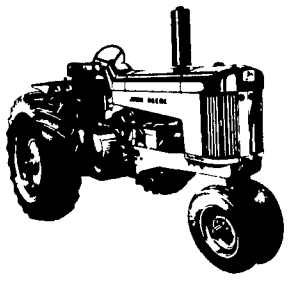


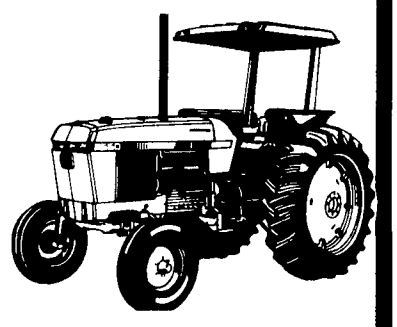
No matter what anyone says, nothing is "just as good as a John Deere."

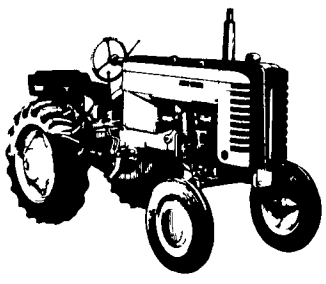
"And ours is just as good as a John Deere." How many times have you heard that? When one manufacturer is so clearly the leader, that's the ultimate claim any competitor can make. But when you put all claims aside, there's nothing like a John Deere tractor with Caster/Action™ mechanical front-wheel drive and 15-speed Power Shift transmission. No combine can match the productive efficiency of a Titan II. And the superior seed/soil environment created by Max-Emerge™ planters is literally legendary. But so is the dealer support that's provided with everything in The Long Green Line.™ Don't take our word for it. Ask anyone. We're happy to be judged by what we're known for.

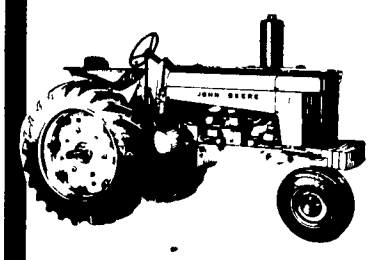
LEADERSHIP YOU CAN COUNT ON

JOHN DEERE









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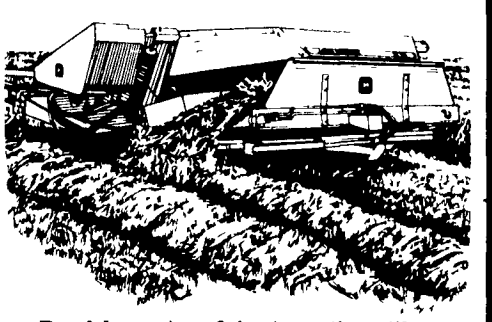
HIGH-CLEARANCE MULCH TILLER

This fall, work right behind the combine with John Deere's 712 Mulch Tiller

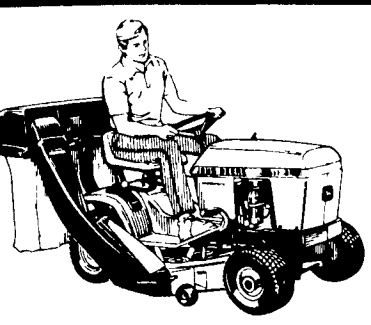
NEW MACHINES

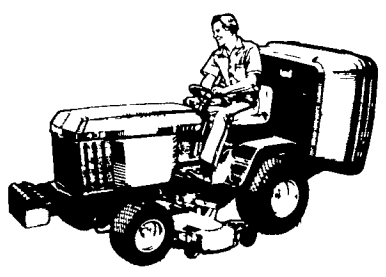
Repowered 4050 Tractor - 105 HP
New 3150 Tractor - 95 HP
New 4425 Combine
New 330 Round Baler
New 885 No Till Cultivator

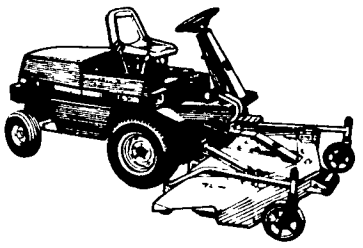
NEW FORAGE-MAKING EFFICIENCY

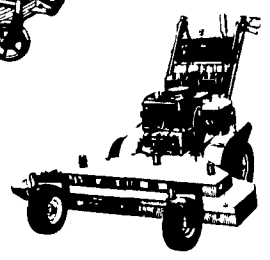


Double up two 9-foot swaths with a John Deere Double Windrow Attachment









Interest-free until April 1, 1986

Huge Tractor Savings with John Deere IRAs (Inventory Reduction Advantages)

During John Deere s factory authorized inventory clearance you can save thousands of dollars on a new John Deere utility row-crop or 4WD tractor John Deere IRAs make the deal even better!

- Highest product quality you can buy — John Deere s traditionally high resale value proves it!
- Industry s best parts and service support system From factory-trained technicians to overnight shipment of vital parts John Deere s got it all
- Great prices on **new** equipment, not discontinued equipment The best tractors we ve ever made are now value-priced like never before!

Check out these tremendous deals today

UTILITY TRACTOR CUSTOMER DISCOUNT

MODEL	DISCOUNT
40 hp 1250	$ 550
50 hp 1450	200
60 hp 1650	700
45 hp 2150	1150
50 hp 2255*	1200
55 hp 2350	600
65 hp 2550	1100
75 hp 2750	2200
75 hp 2750 High Clearance	1000
85 hp 2950	2700

Buy a new John Deere tractor now and pay no interest until April 1, 1986 ** Or take an additional discount in lieu of the finance waiver worth up to thousands of dollars!

The John Deere finance waiver may actually give you an **effective A P R** lower than competition s low rate' financing We can give you the details

DISCOUNT IN LIEU OF WAIVER

	Month of purchase		
	July	August	Sept
Utility Tractors			
40 hp 1250	$ 450	$ 400	$ 350
50 hp 1450	525	450	400
60 hp 1650	575	525	450
45 hp 2150	475	425	375
50 hp 2255	500	450	375
55 hp 2350	575	500	450
65 hp 2250	650	575	500
75 hp 2750	725	650	550
85 hp 2950	925	800	700
Row-Crop Tractors			
100 hp 4050	$1375	$1225	$1050
120 hp 4250	1500	1325	1150
140 hp 4450	1625	1450	1250
165 hp 4650	2000	1750	1525
190 hp 4850	2300	2025	1750
4-Wheel-Drive Tractors			
8450	$2600	$2300	$2000
8650	3175	2800	2425
8850	3975	3500	3050

Check out our deals today!

*This model is not available in Nebraska
Availability of John Deere financing subject to approved credit
*These offers may be withdrawn at any time

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Lancaster Co. DHIA

(Continued from Page E14)

Edwin R Stoltzfoos						
Wanda 38	RH	4 11	305	18,181	4 2	757
Nelson H Wenger						
Deanna	RH	6 2	273	19,669	3 8	756
Toshiba	RH	3 2	305	17 166	4 4	751
Marbro Farm						
Peg	RH	3 1	305	21 553	3 5	755
Edwin J Landis						
Mindi	GrH	6 6	305	19 438	3 9	755
Delores	GrH	5 6	305	19 461	3 8	730
Cedar Fringed Farm						
Rocket	RG	4 6	305	19 035	4 0	754
J Harold Musser & Son						
48	RH	8 1	294	18 261	4 1	754
Pequea Heights Farm						
Becca	GrH	6 2	305	20 708	3 6	753
Christian & Katie King						
4	RH	8 6	305	22 023	3 4	752
John Z Beiler						
Carmen	RH	2 9	305	17 875	4 2	751
Calvin D Beiler						
Minnie	RH	4 0	305	18 415	4 1	750
Robert T Bowman						
Dana	RH	4 7	292	15 935	4 7	750
Stephen F Stoltzfus						
Bertha	GrH	5 2	305	22 450	3 3	748
Leon S Musser						
74	GrH	4 0	305	18 579	4 0	748
Dan L Stoltzfus						
Louann	RH	4 5	305	15,943	4 7	747
Riehlee Farm						
B 5	RH	10 6	305	19 734	3 8	746
Richard G Wenger						
Rocky	RB	7 4	305	16 294	4 6	746
Melvin R Eby						
Winner	RH	6 8	305	21 856	3 4	745
Buchen Farms						
491	RH	7 11	305	21 647	3 4	744
678	RH	4 0	305	19 262	3 8	723
S & A Kreider & Sons						
2	RH	3 8	305	18,655	4 0	744
33	RH	3 9	305	19 915	3 7	735
J Robert Musser						
28	GrH	3 3	305	21 951	3 4	743
32	GrH	3 7	287	17 705	4 1	726
Donald B Trimble						
52	GrH	4 5	305	18 303	4 1	742
Harold G Shelly						
Gloria	RH	2 11	293	16 964	4 4	742
Harry S Aungst						
Koko	RH	8 8	305	20 450	3 6	741
Walnut Run Farm						
19	GrH	4 0	305	16 369	4 5	741
Thomas & Larry Aaron						
445	RH	3 8	305	17 083	4 3	740
King Willow Farm						
Sally	GrH	3 9	305	18 864	3 9	739
Lloyd B Sensenig						
Starla	GrH	4 3	305	18 340	4 0	739
Dinah	RH	4 0	305	19 359	3 8	738
Ivan M Hursh						
Faith	GrH	8 4	305	21 807	3 4	738
Joseph E Blank						
Rosa	RH	3 0	305	15 173	4 8	735
Elam Petersheim						
Pearl 10	RH	3 11	305	20 659	3 5	733
John K Stoltzfus						
Pearl	GrH	5 1	305	22 490	3 2	730
Hershvale Farms						
86 Kath	RH	6 5	305	22 569	3 2	729
Elam S Beiler						
Omega	GrH	3 1	305	21 530	3 4	729
J Clayton Charles						
Kerry	RH	3 5	305	19,288	3 8	728
Robert & Minnie Metzler						
Joann 27	RH	6 0	305	20,315	3 6	724
Anita 34	RH	4 9	305	18,342	3 9	721
Aaron B Lantz						
Piebe	RH	3 9	300	18 859	3 8	724
Moses N Good						
3	GrH	5 9	305	17 462	4 1	724
Robert Martin						
31	GrH	5 11	305	20 086	3 6	723
Kenneth D Myer						
Rhoda	RH	5 10	305	19,200	3 8	723
David S Stoltzfus						
Roseann	GrH	4 3	305	18 787	3 8	723
Curvin W Nolt						
4	RH	7 1	305	19 079	3 8	720
Wye Oak Farms						
Judy 60	RH	8 5	305	18 203	4 0	720

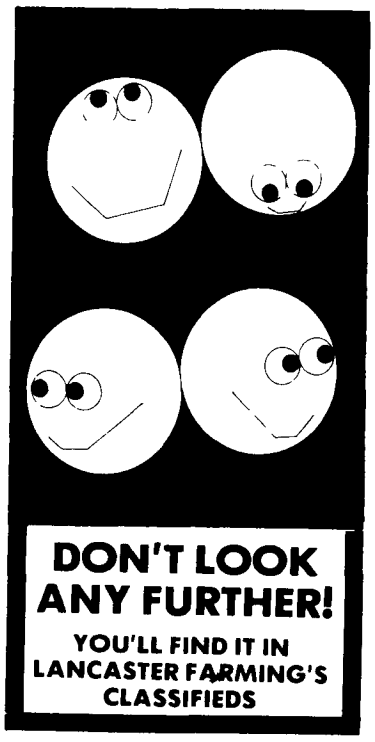
LUZERNE COUNTY DHIA
June, 1985

Rolling Herd Average

Robert Hough	RH	55 5	87 6	18 927	748
Pecora Bros	RH	170 5	88 7	18 999	667
Larry Baron	R&GrH	62 0	85 1	15 868	657

Cows Finishing Their Lactation Period Over 750 Lbs Butterfat

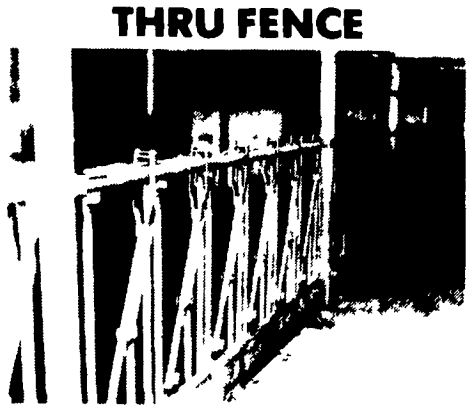
Faihopty Farms						
May	RH	4 5	305	15 123	5 0	761
Pecora Bros						
1461566	RH	6 4	305	22 593	3 3	764
1921599	RH	5 7	305	23 180	3 5	809
Larry Baron						
Canad55	RH	2 0	305	17 440	4 5	781
Derwood & Dennis Moyer						
Rosly27	RH	4 11	303	18 453	4 1	751
Rampant Farms						
Anna 15	RH	3 4	305	22 172	3 7	811



DON'T LOOK ANY FURTHER!

YOU'LL FIND IT IN LANCASTER FARMING'S CLASSIFIEDS

SELF-LOCKING FEED THRU FENCE



3 Sizes: Calves - Small
Heifers - Adjustable (Shown)
Cows - Large

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- Headgates
- Spring Latches
- Hog Equipment
- Blocking Chutes
- 3 Pt. Hog Crate
- No-chute Hog Trailors
- Portable Welding
- Gates
- Barnyard Fence
- Feed Thru Fence
- Hay Wagons
- Feed Carts
- 3 Round Bale Carriers

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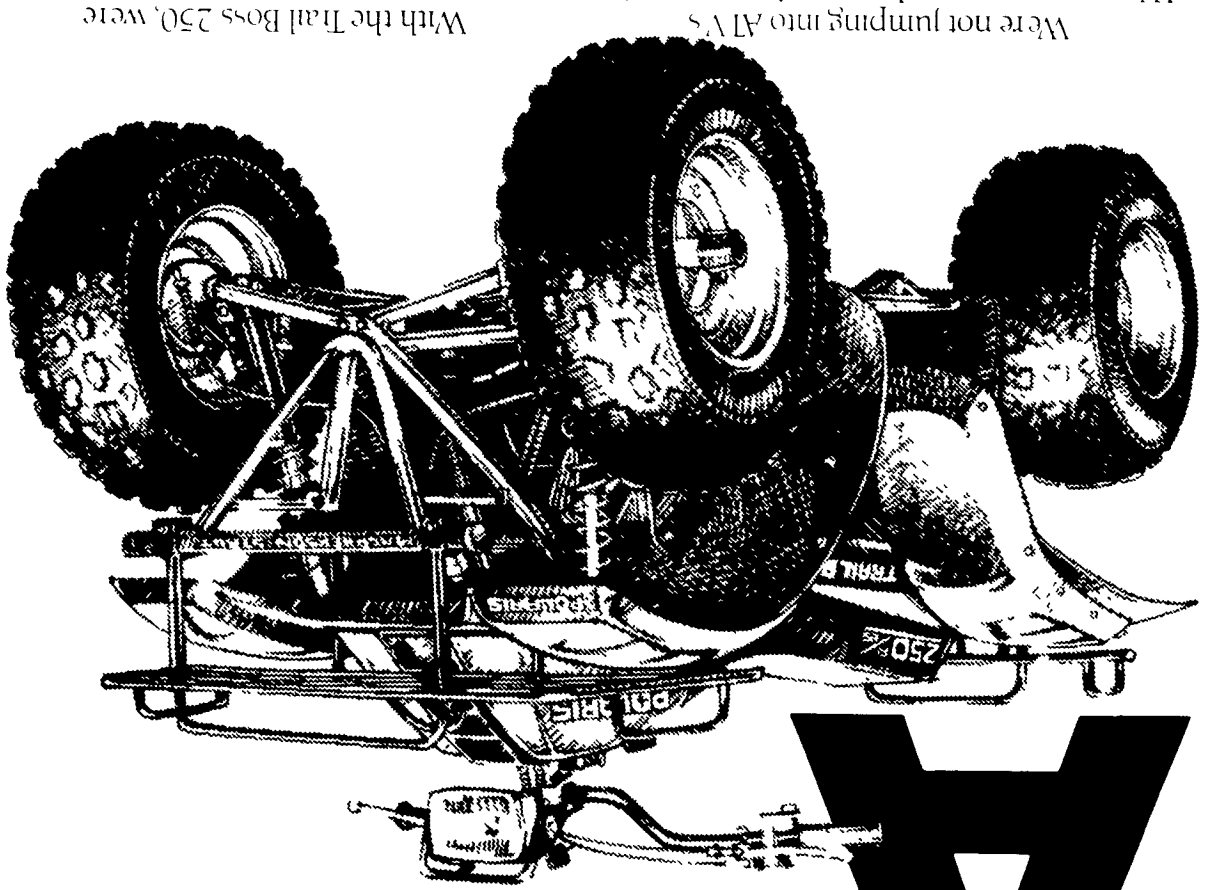
What has four wheels, isn't red, has loads of power but no gears, and isn't from Japan?

We're not jumping into ATV's. We're jumping past them. With a powerful 250cc engine. With the technically advanced PVT-Polaris Variable Transmission. And with a McPherson strut type long travel suspension. Nothing else will measure up.

With the Trail Boss 250, we're bringing high performance power handling and control to all-purpose ATV's. Not only does it out-work other ATV's, it outplays those other ATV's. Test ride the best ride in ATV's today.

POLARIS



A The new Polaris Trail Boss 250.

LANCO LAWN & RECREATION
685 E. Main Street, Ephrata - 717-733-4151
Daily 8 A.M. - 9 P.M.; 8 A.M. - 5 P.M.; Tues. 8 A.M. - 5 P.M.; Sat. 9 A.M. - 3 P.M.

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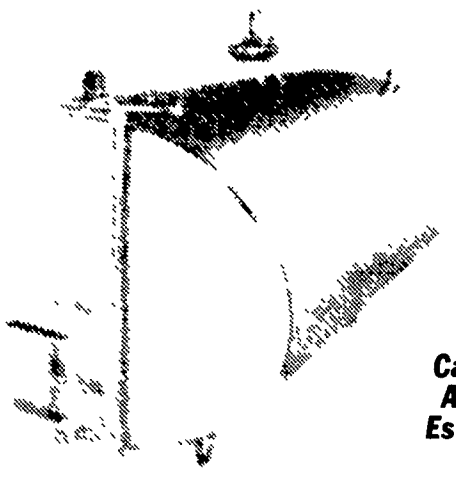
COMPARE DE LAVAL

New Century ™

Series of Bulk Coolers For Performance, Quality, Value



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600 to 5,000 Gallon Capacity. The efficient cooling Bulk Tank Backed by a Century of Service to America's dairyman.

All DeLaval Coolers Feature:

- 5 year warranty
- All stainless steel construction
- Oval enclosed for structured strength and high performance
- Foam-in-place insulation to keep down operating cost and maintain milk quality
- Dependable efficient automatic washing
- Wall mounted stainless steel control panel
- Most popular sizes available

Announcing the next giant step in computer management of the dairy herd:

De Laval® RationMaster™ II Feeder

This Second Generation computer-controlled RationMaster II Feeder can handle up to six times more cows than the original model. That's just one example of the capability that has been added to this remarkable new equipment. With the RationMaster II Feeder the dairyman can feed two different feeds, adjust daily intake more precisely, track each cow's reproduction cycle, monitor feed inventories, and measure consumption patterns in several ways.

De Laval has taken the best...and made it better. The new RationMaster II Feeder still offers the advantages of on-demand dispensing, fast feeding manger, multi-purpose transponders, 24-volt power at the Feeding Stations, and built in advisories and alarms. But every major component—the Feeding Station, Processor, Printer and Transponder—has been refined to provide even better service.

Install as much—or as little—as you need. RationMaster II Feeders are available in various modules. It's possible to start with only the Feeding Stations, a Processor and Transponders. Other components can be added as RationMaster II Feeder savings are accumulated.

The RationMaster II Feeder can be ordered with a Management Computer and software programs. Unlike competitive systems that are limited to a single function, your HerdMaster™ Management Computer can perform a variety of assignments. These include calculations of individual least-cost rations, reproduction, herd health, and heifer programs. And with a direct link to the milking parlor, the Computer can handle milk yield reports as well.

Let's talk it over. Once you compare this new De Laval RationMaster II Feeder, you'll agree that Second Generation is better than second best.

Lower cost! *We're now selling a basic RationMaster II Feeder (125 cow size) for about $16,000 less than 1981 prices.*

HerdMaster Management System

DE LAVAL

Alfa Laval Inc
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It's Second Generation...and second to none.

FLO-MASTER™ MILK METER

DE LAVAL

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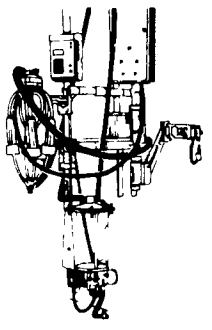


Tells You Every Cow's Production... Every Time... ELECTRONICALLY

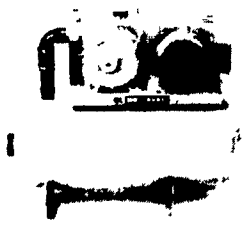
The Flo Master Meter is far more than just a milk meter that reads out weights on an LED display. It's the first step toward total automation of milk yield recording, feeding and herd management. Now you can know how every cow is doing immediately and can grow by affordable stages toward a totally computerized system without expensive obsolescence.

Let us show you how the De Laval® Flo-Master Meter can help you cut feed costs and boost milk yields.

VACUUM SUPPLIERS

DE LAVAL

New De Laval® Model 777



The Vacuum Pump For the Growing Herd

Here's the easy economical way to step up vacuum supply as you add milkers and boost milker performance while increasing efficiency of your electricity dollar. Quiet, v-belt drive with guard, plumbed to tank for easy installation. 5 HP, 56 CFM. Plus De Laval dependability.

Call For a Free Survey of Your Vacuum Supply Needs

DELATRON I® PULSATOR

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De Laval introduces the most advanced pulsation system in dairying

The De Laval® Delatron I Pulsator can help you do a better milking job while protecting the health of your valuable cows.

The Delatron I Pulsator features

- Choice of alternating or simultaneous
- Choice of ratios (70 30 with 60 PPM, 60 40 with 60 PPM or 50 50 with 50 PPM)
- Pre-wired for easy, low cost installation
- Master controller can control up to 20 pulsators

Call for details and a demonstration.

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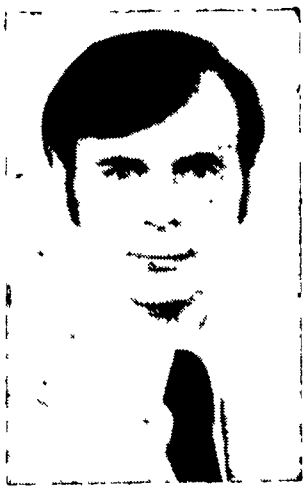

Dairy Pipeline

By
Glenn A. Shirk
Extension
Dairy
Agent

Give Them A Chance

Most cows are bred with the will to milk. If we are going to pull through these rough times they need to milk reasonably well. Our challenge is to help them do that and keep them in the herd long enough so they have time to work for us–to have an opportunity to return us a fair profit.

We need to produce milk economically. The first place to start is to produce and feed as much high quality forage as possible, especially to good producing cows. It can make milk and it will reduce purchased feed costs.

Feed for reasonably good levels of production. The highest level may not be the most possible, especially if it requires feeding excess amounts of high-cost concentrates, supplements and exotic ingredients. In the same breath, I must also emphasize the importance of getting a lot of dry matter and nutrients into those high-producing, early-lactation cows, along with a lot of good quality forage.

Dry matter and nutrient intake is a problem on hot summer days when cows don't feel like eating. This is a time when forage quality is important. It's a time when cows need high quality, nutrient-rich, easily-digestible forages; high quality forages produce less body heat in the process of digestion. Offer cows most of their forage in the cooler hours of the evening, and keep the forage fresh.

On hot days, you might also have to rely more heavily on grain feeding. Cows' appetities are generally greater for grain than for forages on these hot days, because grain generates less body heat. To further reduce body heat while also increasing energy intake, include some high quality fats and oils in the ration of the high group.

A word of caution: as you increase grain intake, make sure cows are first consuming adequate amounts of forage. Also include some buffers to prevent acidosis and to preserve appetites. If possible, try to offer cows grain more often throughout the day to keep cows from consuming big slugs of grain at any one time. This will help prevent upset rumens and also improve feed efficiency.

Keep Good Cows Around Longer

There is only one place a cow can make you a profit; that is, in your herd. If you are lucky, she might make you a profit when you sell her, but that is a one shot deal. We need to keep around long enough so they have time to return us a profit in their lifetime. In our present milk marketing situation, as profits per cow dwindle, a cow's longevity becomes even more crucial to the survival of our dairy business.

If we expect cows to stick around longer, we need to focus our efforts on those things that take good cows out of the herds prematurely, and then try to prevent these problems from occurring.

One problem is poor feet. When a cow's feet go bad she goes off feed, and that can create a whole cycle of problems. First of all, let's feed cows properly so we don't founder them for life. Avoid acidosis. In other words, avoid feeding excess levels of grain and energy, and make changes in the ration gradually. This is especially important for springing heifers and fresh cows. Also keep the ration balanced.

Check the cows' feet regularly and trim them as needed. The cost of hoof trimming is a good investment. Fence cows away from wet sloppy areas and use foot baths when foot conditions dictate a need for its use. Access to pastures or dirt lots generally benefits cows that are confined to concrete.

Not getting cows bred is another problem. For cows to be sexually active, they have to be fed right, so ration balancing again is important. Secondly, they need good footing and they need to be fairly comfortable; cows are not very active in the heat of the day. Keep alleys and lots clean, dry and grooved. Observe cows frequently in the cooler hours of the evening and early morning. Prevent and treat diseases that interfere with reproduction. You may also want to readjust your calving patterns so cows won't have to be bred in the heat of the summer.

Another major reason for culling cows is mastitis. Be especially alert for coliform and other types of environmental infections, such as strep-non-ags. Since these organisms thrive in warm, moist, filthy conditions, there is no substitute for good sanitation, a dry barn, and clean stall beds! The use of a teat sealant, drying cows' udders before applying the milker units, and fencing cows away from wet sloppy areas and stagnant bodies of water will help too. Also provide cows with a clean maternity area.

Attention to some of these details is bound to reap some benefits for you. It's worth a try.

UEP sponsors contest to name that fowl

DECATUR, GA – For more than 20 years, the U.S. egg industry has sought a new name for the term "fowl" which indicates table-egg type laying chickens over 1 year of age that have effectively laid all the eggs they will lay.

The word "fowl" has an unpleasant connotation when spoken or written and is not descriptive of the product to housewives or househusbands.

And when retailers goof and feature "foul," the incentive to buy the product is altogether lost. Institutionally, or in the military food procurement divisions, this meat product is considered somewhat of a byproduct. Nothing could be further from the truth.

A laid-out chicken, or spent hen as it is also sometimes called, is ideal for baking or stewing, or in further processed forms, such as patties (fowl patties??, fowl hot dogs??), and some of the most flavorful dishes prepared by Grandma were her chicken casseroles or her "fer sure cure fer colds... chick'n soup."

So how does "baking hen" or "stewing chicken" sound? That's a little more descriptive and certainly beats, hands down, the term fowl. But United Egg Producers says that isn't good enough.

The group wants a new name and is willing to provide incentives to encourage your participation.

How about "pension pullet"... nope, but keep trying.

UEP is sponsoring a "Name That Fowl" contest, and the winning entry will receive two expense paid tickets to UEP's annual meeting at the Royal Sonesta Hotel on Bourbon Street in New Orleans, Louisiana.

Simply jot down your entry name before the deadline of October 1, along with your own name, address, and send it to UEP, 3951 Snapfinger Parkway, Decatur, Georgia 30035.

Who knows - you may already have the winning "fowl" name. No "fowling!"

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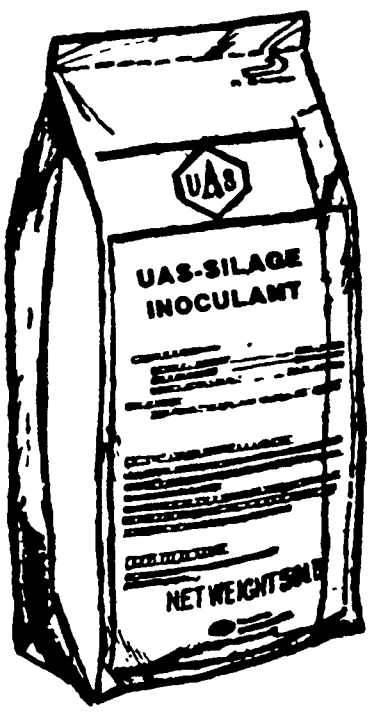

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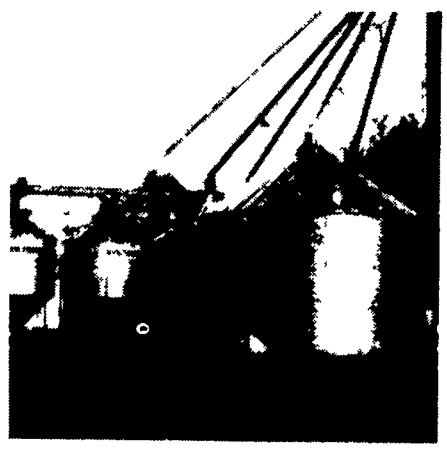

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Tuesday, Aug. 20

10:00-12:00-Dr. Larry Specht, dairy cattle breeding and genetics.

12:00-1:30-Dr. Lowell Wilson, beef cattle production and beef and sheep genetics.

1:30-3:00-Dr. Les Burdette, beef cattle, cattle feeder; cow-calf issues and 4-H beef.

Wednesday, Aug. 21

10:00-12:00-Dr. Terry Etherton, animal growth and development.

12:00-1:30-Dr. George Hargrove, animal genetics and dairy breeding.

1:30-3:00-Dr. Joe Hlubik, dairy management and farm records.

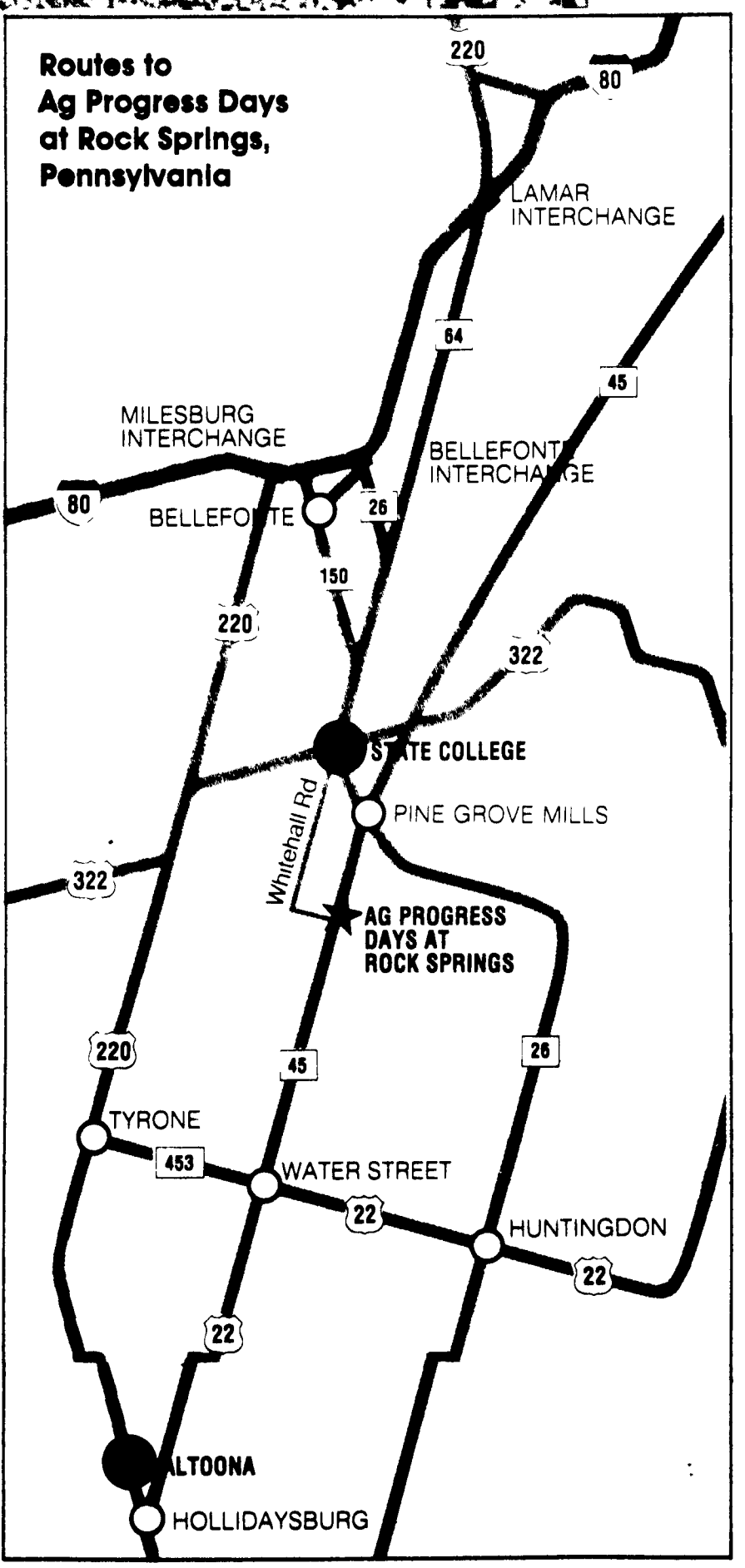
Thursday, Aug. 22

10:00-12:00-Dr. Gary Killian, animal genetics and dairy breeding.

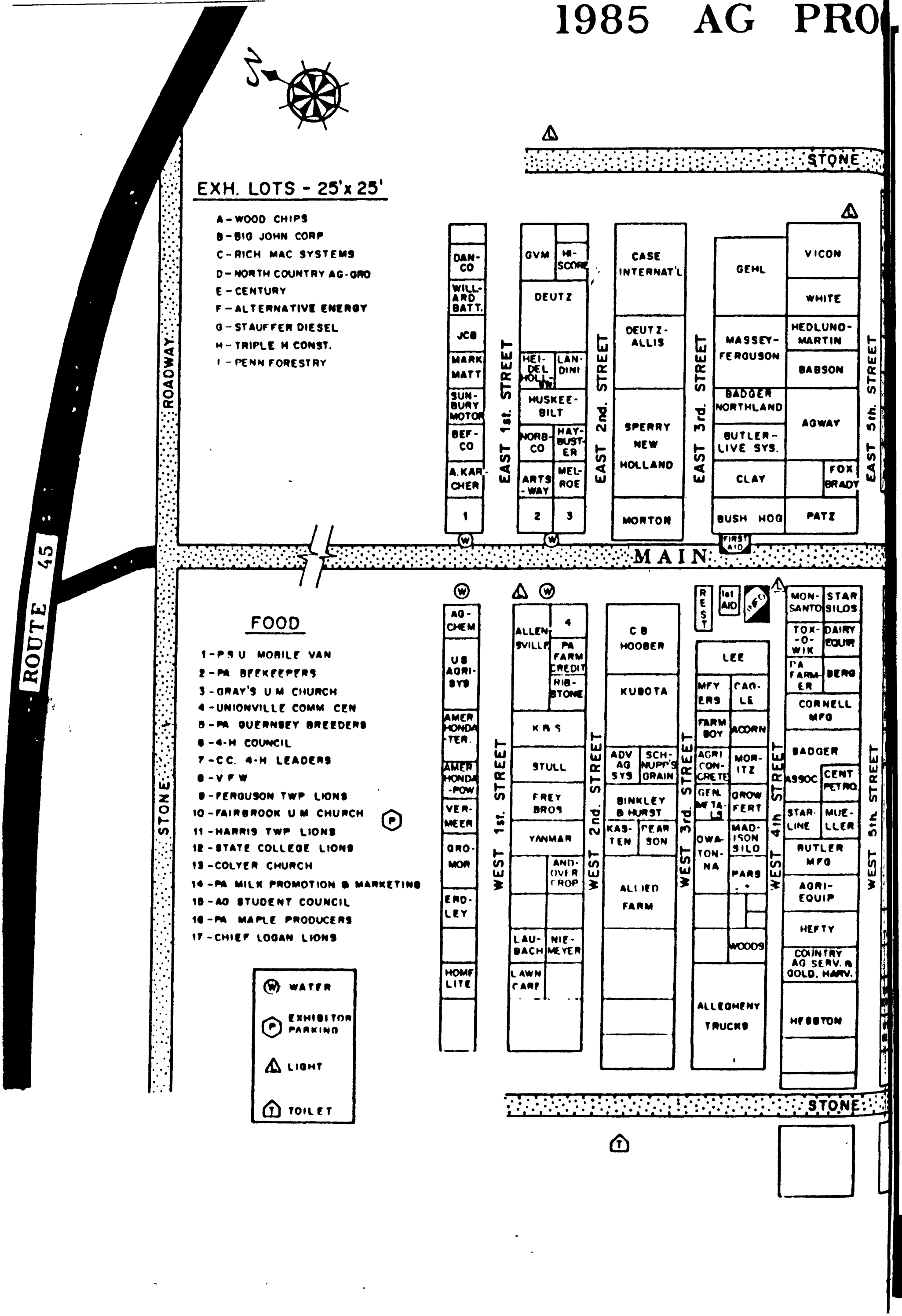
12:00-1:30-Dr. Paul Shellenberger, animal sciences.

1:30-3:00-Dr. Tom Merritt, animal sciences.

Routes to Ag Progress Days at Rock Springs, Pennsylvania



1985 AG PRO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4 - UNIONVILLE COMM CEN
5 - PA GUERNSEY BREEDERS
6 - 4-H COUNCIL
7 - C.C. 4-H LEADERS
8 - V F W
9 - FERGUSON TWP LIONS
10 - FAIRBROOK U M CHURCH
11 - HARRIS TWP LIONS
12 - STATE COLLEGE LIONS
13 - COLYER CHURCH
14 - PA MILK PROMOTION & MARKETING
15 - AG STUDENT COUNCIL
16 - PA MAPLE PRODUCERS
17 - CHIEF LOGAN LIONS
WATER
EXHIBITOR PARKING
LIGHT
TOILET
ROUTE 45
ROADWAY
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MARK MATT
SUN-BURY MOTOR
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US AGRI-BYS
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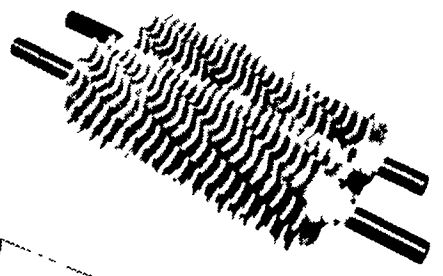

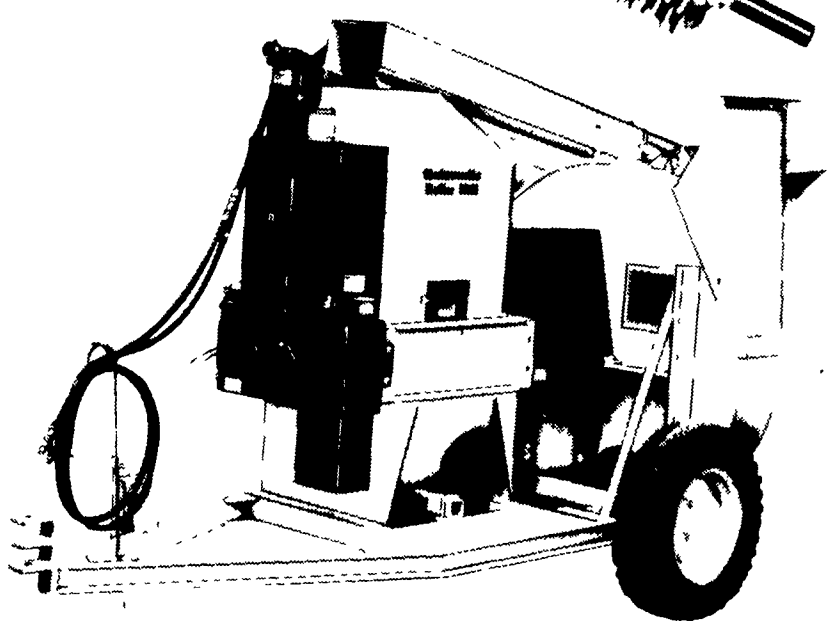

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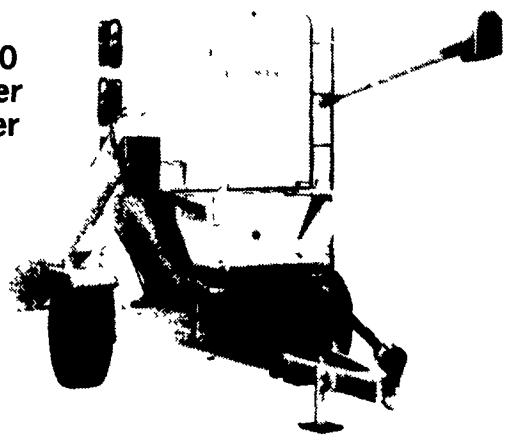

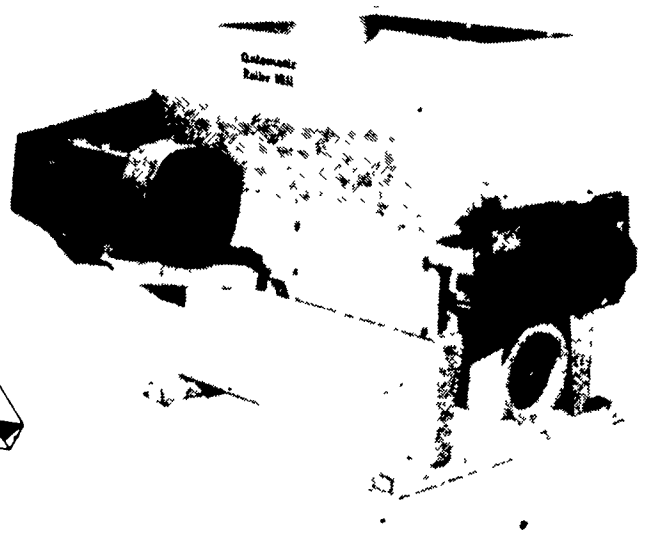

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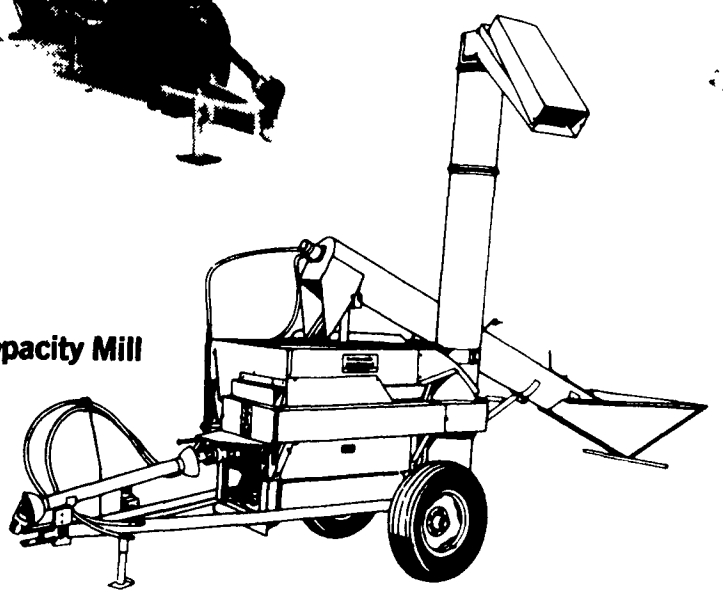
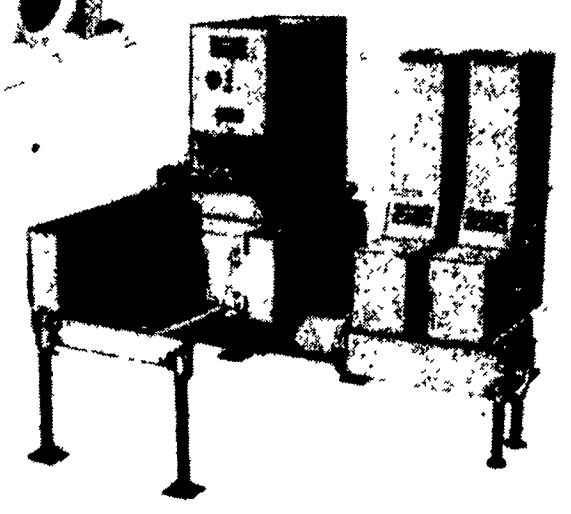


Feed Processing Center



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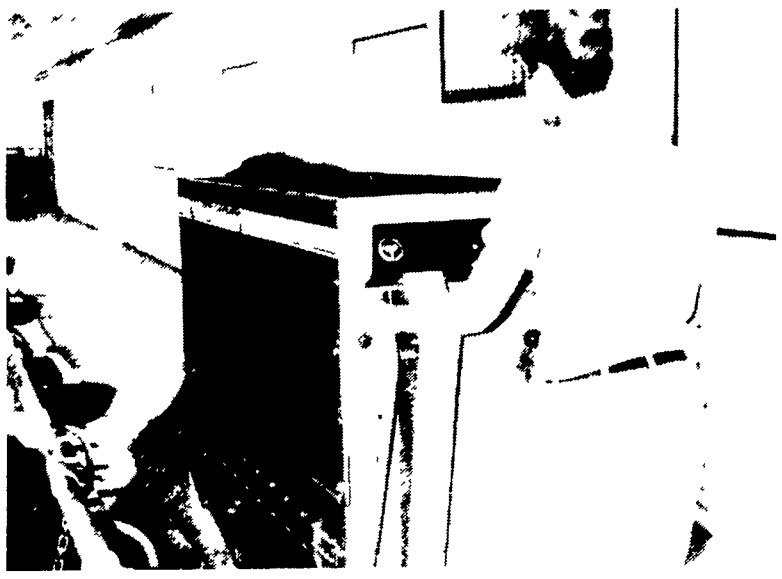

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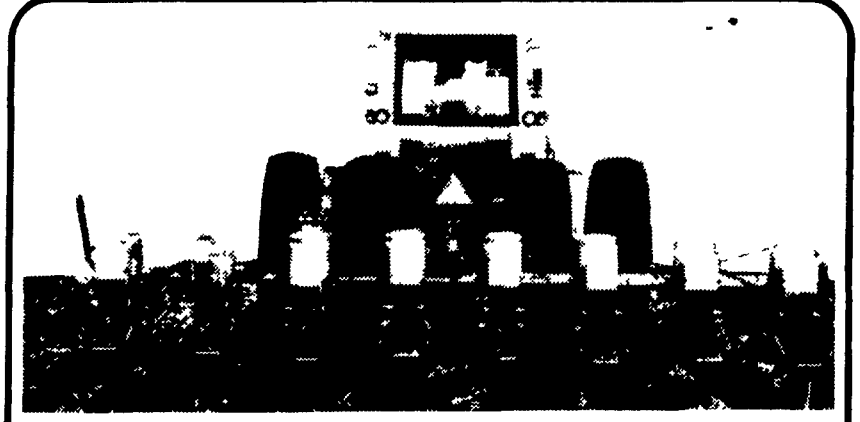

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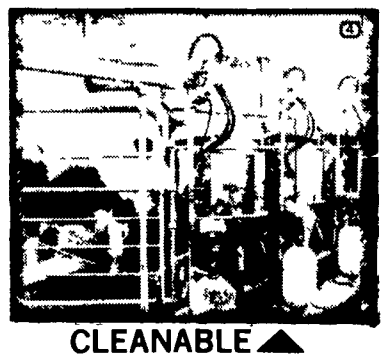

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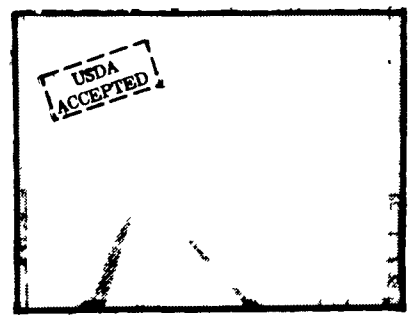

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IN STOCK - AVAILABLE NOW

3/32 & 1/8" THICKNESS, 4 x 8 FT. PANELS
3/32 & 1/8" - 4 x 40 AND 4 x 45 FT. ROLLS

ALL CORNER MOLDING AND FASTENERS

VINYL MOLDINGS ARE AVAILABLE TO GIVE A FINISHED APPEARANCE & A WATERTIGHT INSTALLATION.

The Best and Largest Line of Specialties Available Anywhere

- **SELECTIVE FEEDING**
  - Computer controlled dairy feeding
  - Zenith Farm Management System
- **MANURE HANDLING**
  - Hydraulic Transfer Pumps
  - H D Chain Barn Cleaners
  - Hook and Link Chain
  - AGROMATIC Cable Barn Cleaners
  - Vacuum & Slinger Manure Spreaders
  - Agitator/Filler Pumps
- **POWER FEEDING.**
  - WEAVERLINE Powered Silage Carts
  - New WEAVERLINE Stainless Steel Cart
  - ROTO FEEDERS (Lazy Susan) Stainless Steel Shaker Feeders
- **SELF FEEDING**
  - Hog Feeders
  - Fiberglass Push Silage Cart
  - Mineral & Salt Feeders
  - CIRCLE Bulk Storage Bins (3 50 Tons)
- **LIVESTOCK WATERERS**
  - RITCHIE Cattle Waterers
  - RITCHIE Hog Waterers
  - IDEAL Stock Tanks
  - RITCHIE Hog Fount (Stainless Steel Construction)
  - Cow Coolers
- **AUTOMATIC**
  - Earcorn Blower Mill
  - Low Profile Mill
  - Feed Processor
  - Roller Mixer
  - Supplement Meter
  - Dump Scales
  - Micro Mist Sprayer
  - Porta Mister
- **MY-D-HAND-D**
  - Head Gates
  - Squeeze Chutes
  - Portable Corrals
  - Bale Elevators
  - 3 Pt Bases with Forks
  - Slant Bar Hay Feeders
- **SPECIALTIES**
  - KEMLITE Glasbord
  - Farrowing Crates
  - Tubular Gates
  - Livestock Scales
  - Ornamental Windmills
  - COR TEC Buildings
  - Bedding Choppers
  - 3 Wheelers
- **BARN EQUIPMENT**
  - Water Bowls
  - Free Stalls
  - Comfort Stalls
  - Ventilating Systems (Exhaust & Tube)
  - Kozy Komfort Calf Stalls
  - Goosen Bale Chopper
- **SILAGE & GRAIN HANDLING**
  - Van Dale Double Auger Silo Unloaders
  - Silage Conveyors
  - (TMR) Mixer Feeder Wagons
  - Flex Augers
  - 4" 6" Utility Augers
  - CIRCLE Storage Bins
  - CIRCLE Crop Dryers
  - SHIVVERS Inbin Continuous Flow Drying Systems
  - MAYRATH 6" & 8 ' Transport Augers
  - MAYRATH Double Chain Conveyors
  - MAYRATH 8" & 10 ' Swing Away Augers
- **SOIL CONSERVATION**
  - Automatic Soil Mover
  - Buffalo Slot Planter
  - Buffalo Till Planter
  - Buffalo Cultivator
  - Aitchison Seedmatic Drills

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☐ Send literature checked above

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Chambersburg, PA 17201-0219
Phone 717-263-9111

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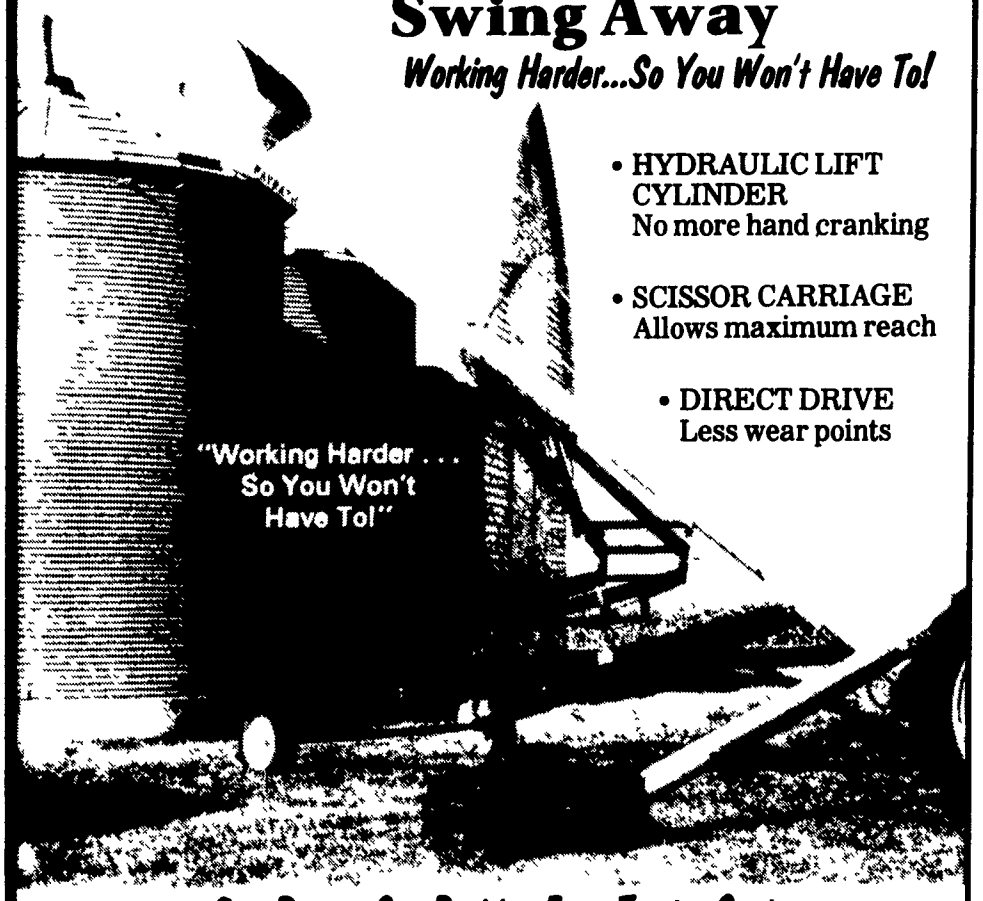
Swing Away

Working Harder...So You Won't Have To!



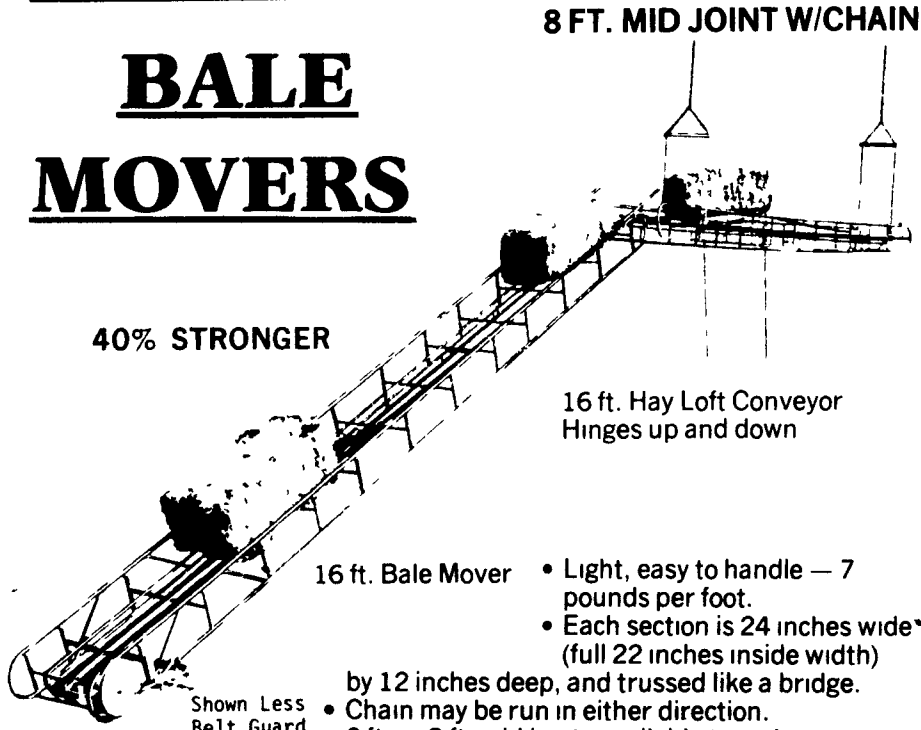
- HYDRAULIC LIFT CYLINDER
  No more hand cranking
- SCISSOR CARRIAGE
  Allows maximum reach
- DIRECT DRIVE
  Less wear points

- *One Person Can Position From Tractor Seat*
- *Designed To Save Time!*

"Quality Conveying Equipment For Over 30 Years"

BALE MOVERS

8 FT. MID JOINT W/CHAIN



40% STRONGER

16 ft. Hay Loft Conveyor
Hinges up and down

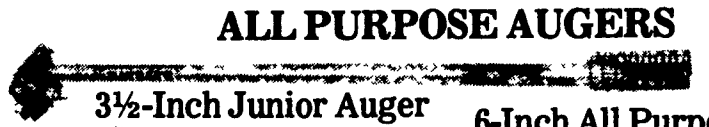
16 ft. Bale Mover

- Light, easy to handle — 7 pounds per foot.
- Each section is 24 inches wide (full 22 inches inside width) by 12 inches deep, and trussed like a bridge.
- Chain may be run in either direction.
- 2 ft. or 8 ft. mid joints available to make any length desired.

Shown Less Belt Guard

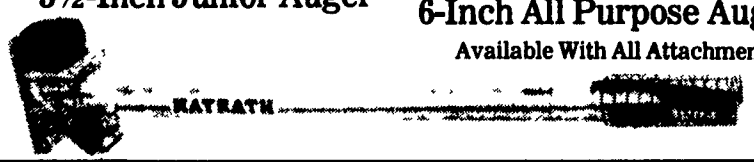
HANDLES LIKE A LADDER

ALL PURPOSE AUGERS



3½-Inch Junior Auger

6-Inch All Purpose Auger
Available With All Attachments



THE MULCHING SOLUTION

Bale Chopper

The Goossen Solution for fast, economical mulching

The Bale Chopper shreds and blows an entire bale of straw in seconds, eliminating tedious hand mulching With the Bale Chopper you can blow mulch evenly over large areas; newly seeded lawns, strawberry beds, bedding plants, around trees and shrubbery, or in rows The Bale Chopper also shreds paper, leaves, and grass

Use the Bale Chopper in the fields and at residential and commercial landscaping sites The gas model operates independently and can be used from a truck bed PTO model mounts quickly to your tractor or can be used as a trailer
The Bale Chopper designed and manufactured by Goossen Industries, Beatrice, Nebraska

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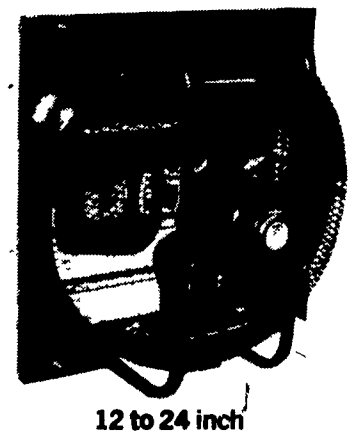
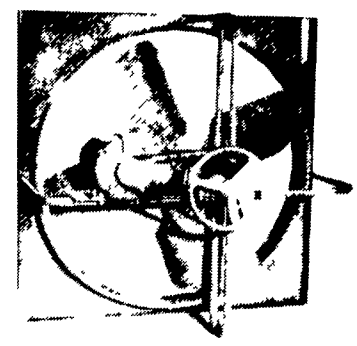
VENTILATION EQUIPMENT For The Farm

Wall and Ceiling Mount



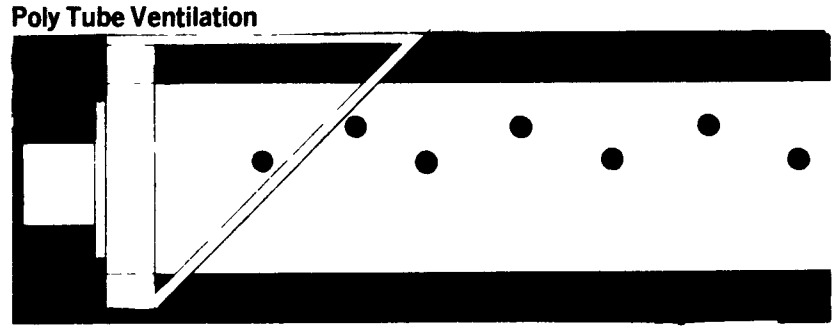
12 to 24 inch
Direct Drive



24 to 36 inches
Belt Drive Fans

- Completely automatic, fully assembled ready to operate.
- Heavy gauge corrosion resistant aluminum fan blade.
- Extra sturdy, corrosion resistant pointed steel frame.

Poly Tube Ventilation



Ventilation For Dairy - Hogs & Chickens

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Ritchie Fountains deliver. Even in the dead of winter they are out there working. You're not.

Weatherproof. You bet they are. Heating systems and efficient insulation keep water ice-free... just set the Watt Watcher™ thermostat for minimal energy use. Big-throated, non-stick plastic valves keep water gushing in. Each of your cows get all the water they need to promote peak production.

Ritchie Fountains are tough, too. Quality-built with rugged heavy galvanized steel and CD-50 expoxy finish to stand up to weather and barnlot abuse.

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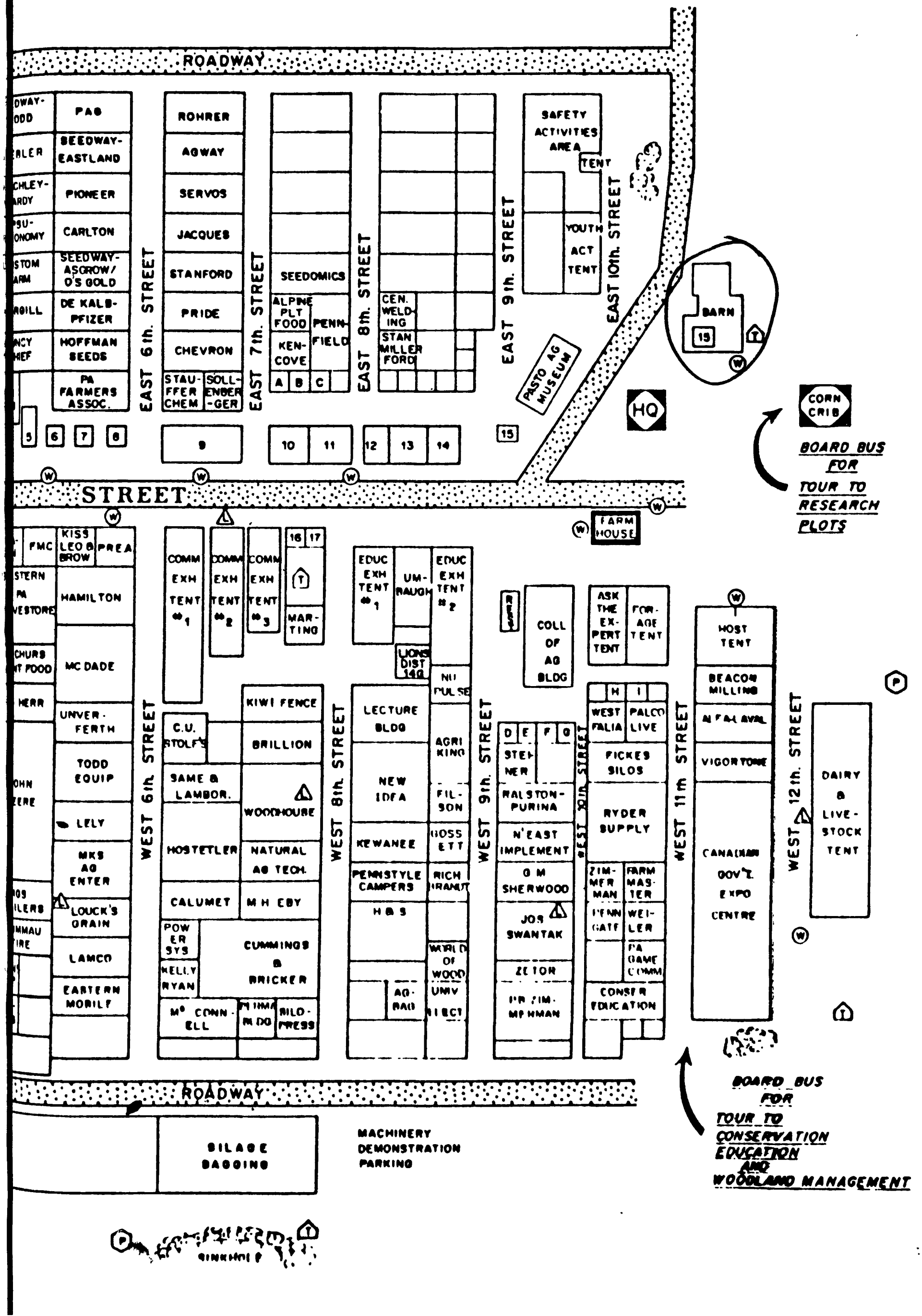
RESS DAYS EXHIBITION AREA



List of Exhibitors

CET = Commercial Exhibits Tent
DLT = Dairy and Livestock Tent
EET = Educational Exhibits Tent
E = East
W = West
1-12 = Street

EXHIBITOR	LOCATION
A	
A.C. Technology, Inc.	CET 3
AAA Associates, Inc	CET 2
Acorn Equipment Corp.	W4
Advanced Ag Systems, Inc	W2
Ag-Bag Corp.	W8
Ag-Chem Equipment Co. Inc	W1
Agri-Concrete Products, Inc.	W3
Agri-Equipment, Inc.	W4
Agri-King, Inc.	W9
Agricol Corp., Inc.	CET 3
Agricultural Vendor, Inc.	CET 2
Agrinet Farm Radio Network	DLT
Agway, Inc.	E5
Agway, Inc.	E6
Allegheny Trucks, Inc.	W2
Allensville Planing Mill, Inc.	W1
Allied Farm Equipment, Inc	W2
Alfa-Laval, Inc.	W11
Alpine Plant Foods Ltd.	E7
Alternative Energy Systems	W10
American Angus Association	DLT
American Breeders Service	DLT
American Cyanamid Co.	CET 3
American Dairy Assoc and Dairy Council	EET 2
American Honda Motor Co. Inc -- Power Equipment	W1
American Honda Motor Co Inc -- Terrain Vehicles	W1
Anchor Labs, Inc	DLT
Andover Crop Service, Inc	W2
Animal Medic, Inc	DLT
Aqua Treatment Service, Inc	EET1
Arts-Way Manufacturing Co Inc	E1
AT&T Information Systems Farms Inc	CET3
Atlantic Breeders Cooperative	DLT
B	
Babson Brothers Co	E5
Badger Associates	W4
Badger Northland, Inc.	E3
The J E. Baker Co.	CET 3
Beachley-Hardy Seed Co.	E5
The Beacon Milling Co., Inc	W11
Befco, Inc.	E1
Berg Equipment Co.	W5
Big John Corp.	E7
Binkley & Hurst Brothers, Inc.	W2
Rich Brandt Farm Real Estate	W9
Brillion Iron Works, Inc.	W8
Bush Hog, Inc.	E3
Butler Livestock Systems	E3
Butler Manufacturing Co.	W4
C	
Cagle Manufacturing Co., Inc.	W4
The Calumet Company, Inc.	W6
Canadian Government Expositions Centre	W11
Cargill Seeds	E5
Carlton Seed Co , Inc	E6
Carnation Co.	DLT
Case International	E2
Central Chemical Corp	CET1
Central Petroleum Co	W5
Centre Welding Supply, Inc	E8
Century Manufacturing Co	W9
Chevron Chemical Co	E6
Church & Dwight Co , Inc	DLT
Ciba-Geigy	CET2
Clay Equipment Corp	E3
Conklin Co., Inc	CET1
Cornell Manufacturing, Inc	W4
Country Ag Service & Golden Harvest Parts, Inc	W4
Cummings & Bricker, Inc.	W8
Custom Farm Seed	E5
D	
Dairylea Cooperative, Inc	DLT
Dairy Equipment Co	W5
Danco Products.	E1
John Deere Co	W5
DeKalb-Pfizer Genetics.	E6
The Delmarva Farmer	CET3
Deutz Corp.	E1
Deutz-Allis	E2
Doebler's PA. Hybrids, Inc.	E5
Dow Chemical.	CET3
E	
East Coast Sales Co.	DLT
Eastern Crown, Inc.	CET1
Eastern Milk Producers	CET1
Eastern Mobile Mills	W6
N.H. Eby, Inc.	W8
Glenn & Mike Erdley	W1
F	
Farm Bureau	DLT
Farmer Boy Ag, Inc	W3
Farmmaster, Inc	W11
Fickes Silo Co , Inc	W10
Filson Livestock Equipment Co	W9
Flexible Steel Lacing Co	CET1
FMC Corp	W5
FMC Finance Corp	CET1
Fox-Brady Division, Piper Ind , Inc	E5
Franklin Laboratories	DLT
Frey Brothers Manufacturing	W1
FRM Chem, Inc	CET3
Furst McNess Co	DLT
G	
G V M., Inc	E1
Gehl Co.	E3
General Metals, Inc., Ag Division	W3
Gossett Nutrition, Inc	W9
Gro-Mor Plant Food Co , Inc.	W1
Growers Fertilizer Solutions	W4
H	
H & S Manufacturing Co , Inc	W8
Hamilton Equipment, Inc.	W6
Hardy Manufacturing co	CET3
Haybuster Manufacturing, Inc	E2
Hedlund-Martin, Inc.	E5
John Hefty Systems	W4
Heidel Hollow Farm, Inc	E1
Helena Chemical Co	CET1
E M Herr Equipment, Inc	W5
Herschel Corp	CET3
Hesston Corp	W4
Hi-Score Plant Food Co , Inc	E2
Hoffman Seeds, Inc	E6
Homelite	W1
C B Hoober & Son, Inc	W2
Hostetler Truck Bodies and Trailers	W6
Huskee-Bilt Corp	E1
I	
ICI Americas, Inc	CET2
Inter-State Milk Producers Coop	DLT
International Stock Food Corp	EET1
J	
Jacques Seed Co	E6
JCB, Inc	E1
K	
K & S, Inc	W1
K-U Farms, Inc.	CET2
Alfred Karcher, Inc	E1
Kasten Manufacturing Corp	W2
Kelly Ryan AIA Bags	W6
Kencove Fence Co.	E7
Kewanee Farm Equipment	W8
Kissinger Leonard & Brower Realtors	W6
Kiwi Fence Systems, Inc	W8
Kubota Tractor Corp.	W2
L	
Lamco Manufacturing and Distributing Co., Inc.	W6
Landini	E2
Laubach Saw Equipment Corp	W1
Lawn Care Distributors, Inc	W1
Leaman Tractor Parts	CET1
Sanford G Leaman Real Estate	EET1
Lebanon Chemical Corp	CET1
R J Lee Co	W3
Lehigh Valley Farmers	CET1
The Lely Corp	W6
Lindsay Water Conditioning Co	EET1
Loucks Grain Equipment, Inc	W6
Lyn-Lee Farms	DLT
M	
Madison Silo Co. of Pennsylvania	W4
Marting Manufacturing, Inc	W8
Massey Ferguson, Inc.	E3
Mark Matt Enterprises	E1
McConnell Manufacturing Co , Inc	W6
C.A McDade Co., Inc	W6
K.L. Mehlenbacher, Inc	CET2
Melroe Co.	E2
Merrick Foods.	CET1
Metz Sales, Inc	DLT
Meyers Manufacturing Corp	W3
MGS Trailers	W5
Mid-Atlantic Soybean Association	CET3
Midwest Concrete Grooving, Inc	CET3
Milk Marketing, Inc.	CET2
Milk-Rite U.S.A.	CET1
Miller Chemical & Fertilizer Corp.	CET1
Stan Miller Ford, Inc.	E8
MKS Ag Enterprises, Inc.	W6
Mobay Chemical Corp.	CET2
Monsanto Co.	W4
Moritz Inc. Trailers	W4
Morton Buildings, Inc.	E2
Motorola C & E, Inc.	CET3
Paul Mueller Co	W5
Multilite Corp	EET1
Mummau Tire	W5
Muncy Chief Hybrids	E5
N	
Na Churs Plant Food Co	W5
Natural Ag Technology Assoc	W8
New Holland Supply Co , Inc	CET2
New Idea Farm Equipment	W8
New York Life Insurance Co	EET1
The Niemeyer Corp	W2
Nittany Farms	DLT
Noland Manufacturing Co , Inc	DLT
Norbco Equipment	E1
North Country Ag-Gro Consulting	W9
Northeast Implement Corp	W9
Nu Pulse America, Inc	W9
Owatonna Manufacturing Co , Inc	W3
P	
P A G Seeds	E6
Palco Livestock Equipment	W11
Pars, Inc.	W4
Patz Sales, Inc	E5
Peace Corps Recruiting	EET1
Pearson Industries, Inc.	W3
Penn Forestry Co., Inc	W11
Penn Gate Sales	W10
Penn State--Nuclear Engineering	EET2
Penn State--Police Services	EET2
Pennsylvania Aggregates and Assoc	CET1
Pennsylvania Assoc of Conservation District Directors	EET1
Pennsylvania Beef Council	EET2
Pennsylvania Charolais Assoc	DLT
Pennsylvania Crop Management Assoc	EET2
Pennsylvania Crop Reporting Service	EET2
Pennsylvania Department of Agriculture	EET2
Pennsylvania Department of Environmental Resources, Bureau of Soil and Water Conservation	EET1
Pennsylvania Farm Credit Assoc	W2
Pennsylvania Farmer Magazine	W4
Pennsylvania Farmer Magazine	CET2
Pennsylvania Farmers Union	CET2
Pennsylvania Farmers' Association	E6
Pennsylvania FFA Association	EET2
Pennsylvania Flying Farmers	EET2
Pennsylvanians for Clean Water Pennsylvania-Chesapeake Bay Water Quality Project	EET1
Pennsylvania Game Commission	W11
Pennsylvania Holstein Assoc.	DLT
Pennsylvania Jersey Cattle Club, Inc.	DLT
Pennsylvania Nurserymen's Assoc. Inc.	EET2
Pennsylvania Nut Growers Assoc.	EET2
Pennsylvania Polled Hereford Assoc.	DLT
Pennsylvania Rural Electric Assoc.	W6
Pennsylvania Simmental Assoc.	DLT
Pennsylvania State Grange	EET2
Pennfield Corp	E8
Pennstyle Campers, Inc	W8
Perma Building Systems	W8
PFA Commodity Futures Service, Inc	CET1
Pioneer Hi-Bred International, Inc	E6
Pioneer Hi-Bred International, Inc -- Microbial Division	DLT
Power Systems Electric	W6
Pride Seed Co.	E6
Profitable Breeding Corp	DLt
Progressive Agri-Systems, Inc	CET1
R	
Ralston Purina Co Farmtronix	W9
Regenerative Agriculture Assoc	CET3
Ribstone Silos of Troy, Inc	W2
Rich Mac Systems	E7
P L Rohrer & Brothers, Inc	E6
Rubbermaid Agricultural Products	CET2
Ryan Advertising & Public Relations	CET2
Ryder Supply Company	W10
S	
Same & Lamborghini Tractors, Inc	W6
The Schlueter Co.	DLT
Schnupp's Grain Roasting, Inc.	W3
Seedomics Hybrid Corn Co	E7
Seedway, Inc.--Asgrow/O's Gold	E6
Seedway, Inc --Eastland	E6
Seedway, Inc.--Todd Seed Sales	E5
Select Sires, Inc.	DLT
Servos Seed Corp.	E6
Sharon Metal Products, Inc.	W5
Shell Chemical Co.	CET2
Shenango Steel Buildings, Inc.	DLT
Sherwood, G.M.	W9
Silopress, Inc. USA	W8

(Turn to Page E29)

Exhibitor List

(Continued from Page E28)

Silver Creek Supply EET1
Silverod Supply . . . . . DLT
Sire Power, Inc. . . . . DLT
Sollenberger Silos Corp. E7
Spak Distributors CET2
Sperry New Holland. E2
Spraying Systems Co. CET1
Spring-Tight Power Fence CET1
Stanford Steel Co. E6
Star Silos. W5
Starline Products, Inc. W4
Stauffer Chemical Co. E6
Stauffer Diesel, Inc. W10
Steiner Corp. W9
C.U. Stoltzfus Manufacturing Co. Inc. W6
Strout Realty, Inc. . . . . CET
Stull Co. W1
Sunbury Motor Co. E1
Joseph Swantak, Inc W9
Symo-Life, Inc. . . . . DLT

T
Tam Agri Corp. E5
Todd Farm Equipment, Inc. W6
Tox-O-Wik Products/ Tatge Chemical Co. W4
Trans Equipment, Inc. W5
Triple H Construction Co., Inc W10

U
U S Agri-Systems W1
Umbaugh Building Co W8
Union Carbide Agricultural Products Co , Inc. EET1
University Electronics, Inc. W9
Unverferth Manufacturing Co., Inc. W6
USDA/ASCS EET2
USDA/Farmers Home Admin. EET2
USDA/Federal Crop Insurance EET2

V
V.I P Enterprises CET1
Vanco . . . . . DLT
Velsicol Chemical Corp CET2
Vermeer Manufacturing Co W1
Vicon Farm Machinery, Inc E5
Vigortone Ag Products W11

W
Wagner's Sugar Camp CET3
Walters Buildings CET1
Weiler Brothers, Inc. W11
Wengers Farm Machinery, Inc. W5
Western Pennsylvania Harvestore Systems, Inc W5
Westfalia Systemat W10
Wetsel Seed Co. CET2
White Farm Equipment E5
Willard Battery Outlet E1
Williamsport Dry Goods Co. EET1
Wonder Life Corp. of America CET1
Wood Chips, Inc E7
J S. Woodhouse Co , Inc W8
Woods Division of Hesston Corp W4
World of Woodstoves, Inc W9

Y
Yanmar Tractor (U S A), Inc W1
Young's, Inc . . . . . DLT

Z
Zetor Tractors, American Jawa W9
Zimmerman, Manufacturing Corp W10
Paul B Zimmerman, Inc W9
Zook & Ranck, Inc CET3

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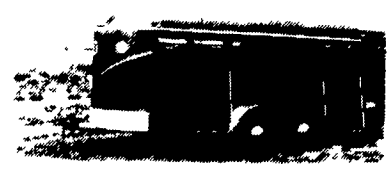
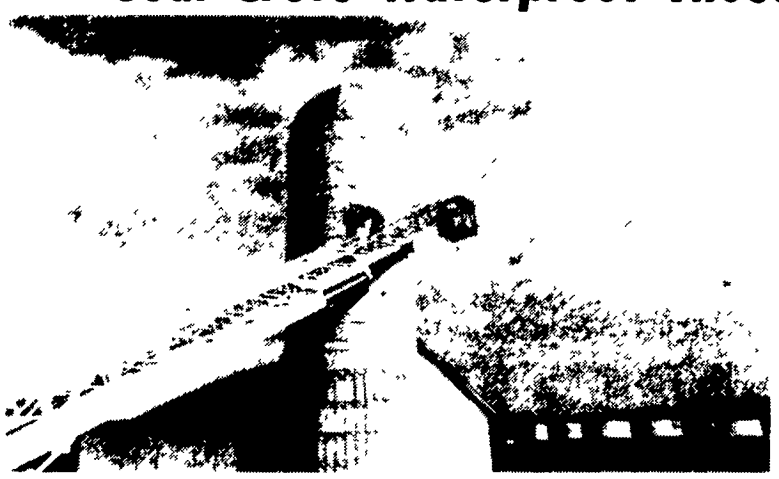


6x16 Stock Trailer
Dion Forage Wagon
8x20 Gooseneck Flatbed

SILO LEAKING?
Now Is The Time To Let Seal Crete Waterproof Those Silos



We Are The Fussy Ones

"NO JOB WE CAN'T HANDLE"

We Have The Equipment To Do Your Job

LET US SEAL IT FROM THE OUTSIDE WITH:
- Cementious Waterproof Coatings
- Clear Waterproofing
- Fibered Solvent Acrylic Coating
- Color Coat
- Gunite System

Don't Forget To Call On Us For Your Other Painting & Waterproofing Needs.

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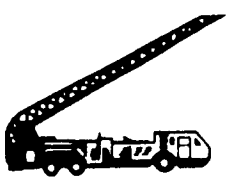

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Proven Performers

Patz hook-and-eye links have proven their value over the years. The forged steel links provide strength and durability. The Patz link design provides chain flexibility that takes sprocket, corners and elevations smoothly for layout flexibility and minimum wear.

Choose the Model 400 (blue) link with more than 2 pounds of steel, or choose the thicker XH (red) link for longer pulls and heavier loads.

Progression forging builds extra strength into hook-and-eye link contact points. Final heat treating increases hardness, strength and wear resistance. Patz links withstand corrosion for long chain life.

For more information on replacing your gutter cleaner chain, expanding or a new installation, contact:

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Alexandria, PA
814-669-4027

LONGACRE ELECTRIC
Bally, PA
215-845-2261

Patz

SCSA slates symposium on Bay land-use plans

ST. LOUIS, MO – The Soil Conservation Society of America last night cited three of its chapters for conducting outstanding single activities during 1984 and recognized 10 other chapters for their overall programs during the year.

SCSA President Roland R. Willis of Stillwater, OK, announced the recipients of the Chapter Achievement Awards and the Outstanding Chapter Awards at an awards banquet concluding the Society's 40th annual meeting held here.

The Chapter Achievement Award is given in recognition of special activities conducted by SCSA's 140 regular and student chapters. The Outstanding Chapter Award recognizes one chapter in each of the Society's nine regions and among the student chapters for their overall programs.

Chapters receiving the Chapter Achievement Award included:

Iowa Chapter: The 472-member chapter was cited for conducting a two-day conference and field tour on groundwater quality that drew a multidisciplinary audience of 250 farmers, sanitarians, contractors, agronomists, engineers, administrators, and researchers from five states.

Maryland Old Line Chapter: The 156-member chapter was cited for providing policymakers, legislators, and the public with information and data to better understand Maryland's groundwater resources by conducting a one-day conference on groundwater concerns.

University of Wisconsin-Platteville Student Chapter: The 33-member chapter was cited for conducting its highly acclaimed high school soil judging contest.

Chapters recognized as the outstanding chapter in their region included:

• **All-Ohio Chapter:** The All-Ohio Chapter was cited for the 11th time as the best chapter in the East North Central Region by SCSA Council Member Paul Hoskins of Circleville, Ohio. Nationally recognized for the opportunities it affords its members for professional improvement, the chapter involved more than 240 of its 400 members in activities sponsored by its 34 committees. Among the activities carried out by these committees were workshops on nitrate contamination of drinking water, surface water resources, and public forest lands use, as well as a joint workshop on woodland soils with a chapter of the Society of American Foresters.

• **Mid-Gulf Coast Chapter:** The 20-member Mid-Gulf Coast Chapter comprising Calhoun, Colorado, DeWitt, Fayette, Goliad, Gonzales, Jackson, Lavaca, Matagorda, Victoria, and Wharton Counties in Texas was cited as the outstanding chapter in the Southwestern Region by SCSA Council Member Charles Thompson of Temple, Texas. The relatively small chapter carried out a variety of educational and service activities. It conducted a plant resources field trip for gifted and talented elementary grade students; advised high school students on conservation science fair projects for local, state, and national competitions; supervised an Eagle Scout candidate on his project to solve several soil erosion problems on a local church's ranch; cosponsored a rangeland brush control tour; cosponsored a conservation teaching workshop for elementary grade teachers; and distributed conservation education materials to local schools and public libraries

• **Minnesota Chapter:** Council Member Douglas Yanggen of Madison, Wisconsin named the Minnesota Chapter as the outstanding chapter in the West North Central Region. He referred to the chapter's 1984 program as a year of new initiatives. The chapter started work on a speakers directory, developed conservation project ideas for Future Farmers of America chapters, initiated an awards program to recognize vocational agriculture teachers for outstanding conservation education programs, developed and distributed a position statement on erosion control on agricultural lands, helped create a legislative study group to study urban soil conservation problems, and supported two projects to study off-site damages of urban erosion in the state. In addition to its annual winter and summer meetings the chapter conducted a seminar on conservation legislation, conducted the National Endowment for Soil and Water Conservation Awards Program in the state, and continued its liaison with the Minnesota Conservation Tillage Council, which the chapter established.

• **Nevada Chapter:** The 55-member Nevada Chapter was cited for having the best program in the Western Region by SCSA Council Member Sharon Norris of Boise, Idaho. While carrying out its many ongoing programs, the chapter undertook the development and distribution of position statements on riparian habitat management and public lands grazing fees. It also conducted a highly successful joint meeting with the Nevada section of the Society for Range Management which drew nearly 100 people from throughout the state.

• **New Hampshire-Vermont Chapter:** The 98-member chapter was cited as the outstanding chapter in the Northeastern Region by SCSA Council Member Raymond N. Brown, Jr., of Shelburne, Vermont. The chapter drew more than 300 people from 30 government agencies and private organizations to five major meetings on such varied topics as agricultural products marketing, farmland protection, remote sensing, wood energy, and including a joint meeting with the Soil Science Society of Northern New England on ski area development. Highlighting the chapter's year was its involvement in promoting legislation for a state soil in Vermont through the preparation and distribution of information packets to individuals, organizations, and the state's legislators.

• **North Carolina Chapter:** The 289-member North Carolina Chapter was cited for the 10th time in 20 years as the best chapter in the Southeastern Region by SCSA Council Member Charles Place, Jr. of Macon, Georgia. Place praised the chapter for maintaining its outstanding ongoing programs while continuing the development of the Hugh Hammond Bennett Memorial project near Wadesboro and organizing to host the Society's next annual meeting, which will draw nearly 1,500 people to Winston-Salem in 1986.

• **North Dakota Chapter:** The 169-member North Dakota Chapter was cited as the outstanding chapter in the Northern Plains Region by SCSA Council Member Norris Swanson of Lincoln, Nebraska. The chapter developed a proposed erosion control law for the state and developed and distributed a report on topsoil and subsoil stockpiling for mined land reclamation, a position statement on water resources management in North Dakota, and baseline information on land use planning policies in the state. Among its ongoing programs it continued its support of the Manitoba-North Dakota Zero Tillage Farmers Association by publishing a listing of locations and dates of conservation tillage demonstrations, and maintained and improved its highly acclaimed soil resources exhibit, which it developed four years ago at the North Dakota Heritage Center.

• **Ontario Chapter:** The 366-member Ontario Chapter was selected as the outstanding chapter in the Canadian Region by Council Member Ronald J. Hicks of Edmonton, Alberta. He cited the chapter for its outstanding educational contributions during

(Turn to Page E32)

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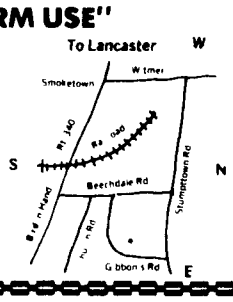

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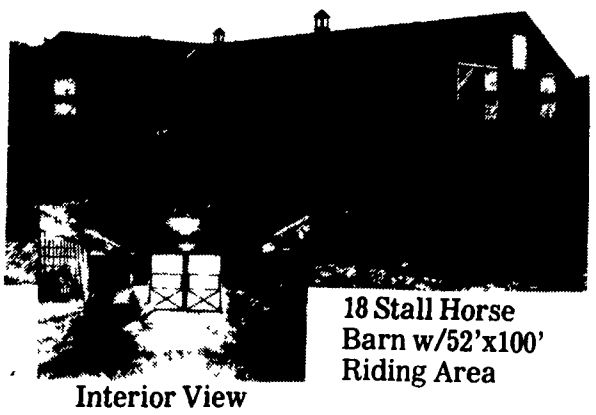

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Holstein group offers computer software

BRATTLEBORO, VT. — The U.S. Holstein Association announces its new line of dairy software designed for Holstein dairy herd owners considering computer farm management programs.

The Association software packages, developed by Holstein breeders and industry related businesses, were written by Farm Management Systems to meet the special needs of Holstein dairy farmers.

Farm Management Systems, owned by dairyman Bobby Hall, is a farm-oriented company with more than 10 years of experience in writing on-farm computer software. Hall himself managed a 400-head Holstein herd in McComb, MI.

Two software systems, specially designed and copyrighted by the Holstein Association, the Registered Dairy Herd & Health Management and Embryo Transfer Management. Additional software available from the Association is Farm Management Accounting System, Crop Management, Least Cost Nutrition (feed ration balancing), Piece Rate Payroll, Registered Beef Herd & Health Management, and Commercial Swine Management.

Each software package includes program diskettes and an easy to use manual with a sample problem to "get the farm manager started." By using any of these systems, you can gain immediate access to your records and reduce the time needed to keep reliable management records

A wide variety of computer models are compatible with these software packages: IMB-PC, IMB PC-XT, Compaq Plus, Hewlett Packard 150, Zenith Z-100, Columbia, Sperry, Wang, and Texas Instrument Professional Other IBM compatible microcomputers are also being tested for compatibility.

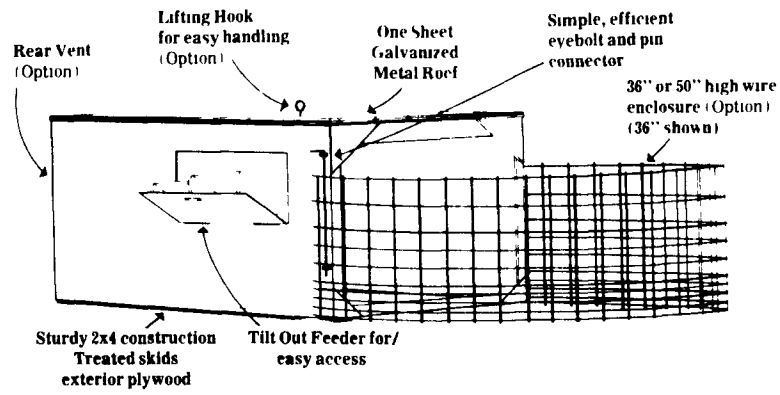
The purchase of a software system includes the personal consulting service from the Holstein Association and technical support from Farm Management Systems

Each software package is backed by a 30-day, money-back satisfaction guarantee and telephone support for the first 90 days in selected countries Extended support service is also available.

For confidential guidance and consultation contact the U S Holstein Association

Cathy L. Anderson, the U.S. Holstein Association's manager of office systems, demonstrates one of the association's computer programs to Gil Malnati, a dairyman from Ashley Falls, MA.

Compare the Stoltzfus Woodwork Calf Hutch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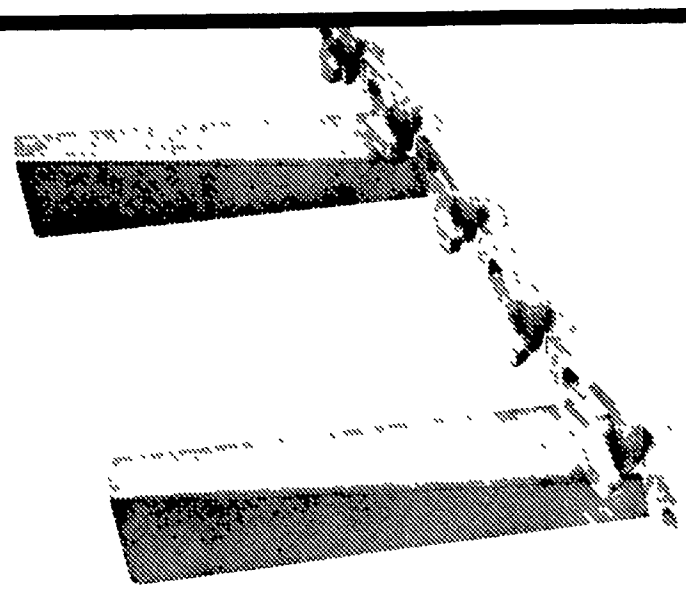

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Patz

SCSA

(Continued from Page E30)

the year, which included four major meetings on water resources management, managing pollution from rural land use activities, a review of agricultural land use issues and the provincial foodland guidelines in cooperation with the Ontario Ministry of Agriculture and Food, and a special conference which afforded private organizations, political candidates, and others the opportunity to review and critique the report, "Soil at Risk, Canada's Eroding Future," an investigation of the impact of rural land use activities. The chapter also participated in working groups to assess soil erosion factors to be considered during and after the installation of electrical transmission lines in southwestern Ontario.

• **University of Wisconsin-Platteville Student Chapter:** The 33-member student chapter was cited by SCSA Student Representative Tracy Klingaman of Orlando, Oklahoma as being the best of the Society's 30 student chapters. The chapter carried out more than 40 meetings, activities, workshops, tours, contests, and other events during the year focusing most of its efforts on service and educational activities. It conducted the 19th annual Tri-State High School Land Judging Contest for students from Wisconsin, Illinois, and Iowa; conducted its 8th annual soils, crops, and pesticide contest for students at the university; held a crops contest for local high schools; and helped the local conservation distict publicize and conduct a soil conservation chautauqua. In addition, it maintains three native prairie restoration plots on campus and provides soil texture samples, land judging slides, crop plant mounts, crop seeds, weed plant mounts, weed seeds, and crop judging rings for schools and agricultural organizations.

• **West Tennessee Chapter:** Council Member Michael Cornett of Auburn, Alabama, named the West Tennessee Chapter as the outstanding chapter in the South Central Region. Cornett cited the 85-member chapter for initiating a speakers bureau headquartered in the state's Office of Erosion Control, for sponsoring a resolution in support of the establishment of an independent forestry commission to administer timber and forest resources of the state, and for sponsoring a chapter-wide land judging contest for Future Farmers of America and 4-H members, while increasing its membership by more than 40 percent and maintaining sevral other ongoing chapter programs.

SCSA is a private, nonprofit organization dedicated to advancing the science and art of good land use. It has more than 13,000 members in the United States, Canada, and 80 other countries.

The theme of this week's meeting was "Conservation: A Matter of Motivation."

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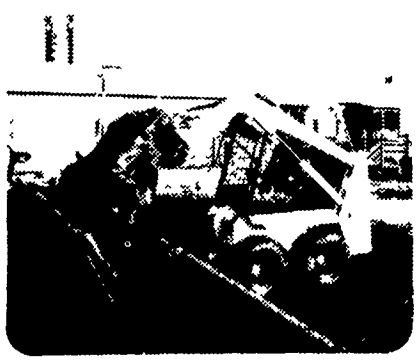
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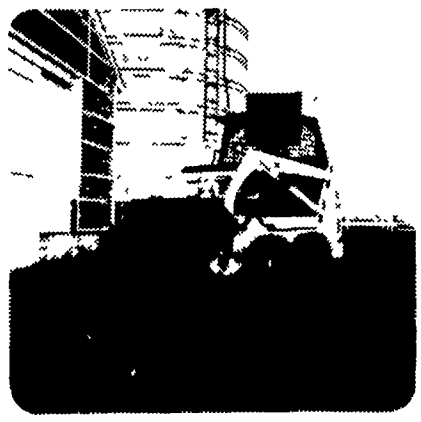
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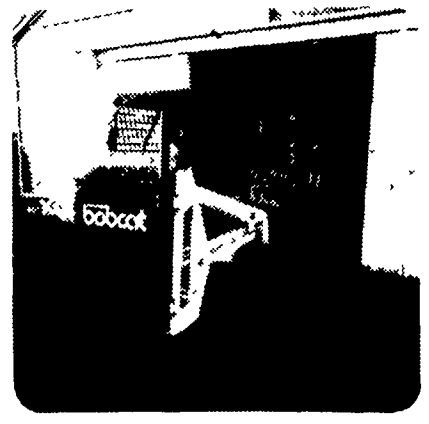

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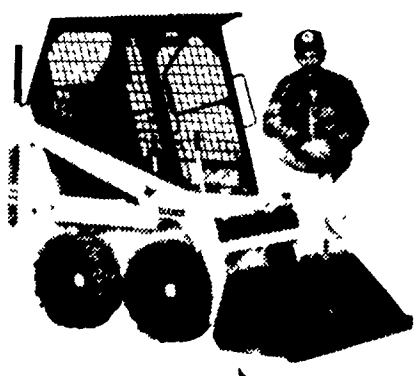

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CLARK

Keep hot weather problems to a minimum in the milkhouse

George F.W. Haenlein
Extension Dairy Specialist
University of Delaware

NEWARK, Del. – Farmers and their hard-working animals–cows, pigs, horses, mules and poultry–aren't the only ones to feel the effects of summer heat. The ever-present micro-organisms on our farms, particularly in the milkhouse and milking parlor, respond to hot weather, too, by reproducing faster and more abundantly.

This can get dairy farmers into trouble fast–more so in summer than during the rest of the year. Even DHIA supervisors may experience trouble with milk samples, despite the presence of preservatives, unless they refrigerate samples fast and keep them well cooled at all times, not just sitting on a cool milkhouse floor, a practice which may suffice during cooler months.

Considering this, it's not surprising that we hear more farmers express concern with milk quality tests during the summer. We've come to expect our automatic cleaning systems to do a good job on pipelines, milking equipment and milk tanks

But that's a mistaken assumption. Biweekly reports from the milk plant often tell us otherwise–especially during hot weather. So what can we do?

These lab reports list a half-dozen criteria that are used to monitor the quality level of the milk coming from our farms:

* Standard plate counts (SPC) of bacteria, which should be less than 10,000 per milliliter.
* Pre-incubation count (PIC) of specific bacteria, which should be less than 20,000.
* Direct microscopic somatic cell count (DMSCC), which should be less than 300,000.
* Direct microscopic count (DMC), which should be less than 30,000
* Temperature-resistant bacteria count (THC), which should be less than 1,000.
* Freezing point temperature decrease or cryscopy (CRY) in degrees C below zero, which must be between .530 and .550 and which indicates absence of water in milk.
* Antiobiotics or growth inhibitors (ABI) in milk, which must be negative.
* Temperature (TEM) of the milk, which should be between 34 and 39 degrees F.

These tests monitor two main sources of trouble–cows and equipment.

It's easy and cheap to check cows with the California Mastitis Test paddle, obtainable from any dairy feed or supply dealer And this should be done often and regularly. Better yet, include monthly somatic cell testing of all your cows in the DHIA testing program

Equipment is harder to check. Arrange for your milking machine repairman to do this job routinely and regularly. Keep in mind the recent report on milker liners which were found twisted inside the shells and clean-in-place rubber cups which were twisted when removed from the machines. Problems like these can result in poor milking performance and mastitis. Always pull CIP cups straight off the machine and check liners for straightness and flexibility.

Field inspectors have identified a number of other equipment problems and areas likely to be responsible for high PI counts. Be aware of these potential trouble spots and check them out regularly, especially during hot weather when microbes are likely to propagate so fast. These are the places to check:

* Under the bridge of the tank.
* Inflations and other rubber parts that are overdue for replacement (they will harbor bacteria, and different rubber and plastic fabriques have different lifetimes in terms of numbers of recommended cow milkings).
* Build-up around agitator in bulk tank.
* Outlet valve on the bulk tank which needs to be pulled apart and washed after each milk pickup.
* Stickhole on the bulk tank.
* Inside air hoses and vacuum lines.
* Probes in pipeline receiving jars.
* Pipeline connections, washers and gaskets
* Pipelines, pails and dumping stations.
* Udder washing and drying procedures on the FAR HALF OF THE UDDER–the side of the cow which the person doing the milking doesn't see!

In all fairness to dairymen, field inspectors have also identified equipment areas related to high PI counts for which the milk hauler is responsible, such as:

* Improperly cleaned sample dippers.
* Not using a sanitizer for the dipper--or rinsing it after sanitizing.
* Not keeping samples in an ice chest.
* Not using ice for samples.
* Not using a float or rack to support samples.
* Not properly washing the truck hose used to collect milk on farms.
* Not capping the plant unloading hose, not keeping it off the floor and not washing it properly.
* Not properly washing and sanitizing trucks.

It's certainly to the advantage of every dairy farmer to be present regularly when your milk is sampled and loaded–especially during hot weather–just to make sure the hauler does these things right. This is a good way to protect the milk on your farm from quality problems for which you and your cows are not to blame.

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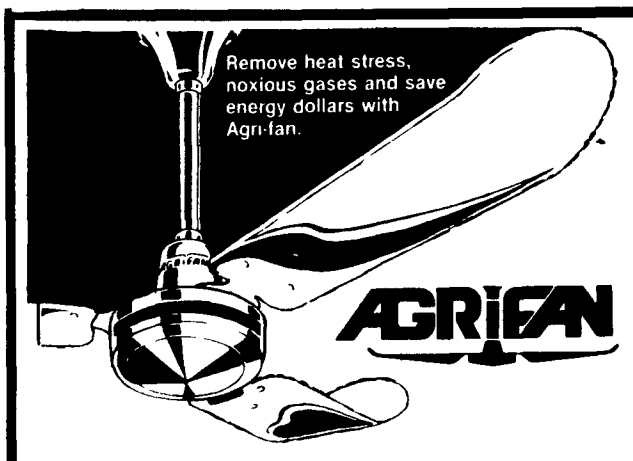

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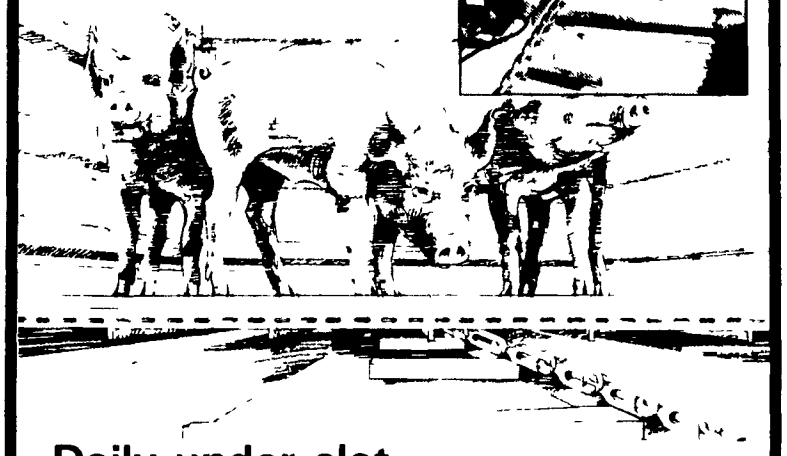

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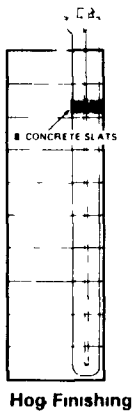
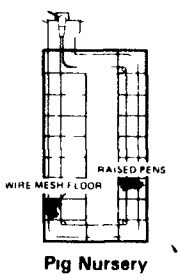
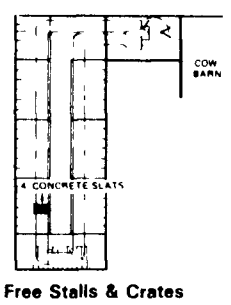


Hog Finishing



Pig Nursery



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Bedford County DHIA Report

Pennsylvania Dairy Herd Improvement Association

June, 1985
Rolling Herd Average

Owner	Brd	No Cows	Days In Milk	Lbs Milk	Lbs Fat
Cove Crest Farms	3	64 0	89 2	20 936	773
Edward A Deputy	B3	147 4	89 1	19 720	733
K & D Farm Box	3	55 0	89 4	18 533	729
David O'Neal	B3	50 3	86 9	18 874	724
J Allen Baker	3	122 3	89 0	19 630	719
Paul & David Housel	G3	90 2	90 9	18 737	716
Luther & Phil Steele	B3	69 7	87 5	17 929	706
Robert Swartzwelder	B3	55 0	86 8	18 665	703
Blair Brooke	3	46 7	92 8	19 780	693
Greg & Betty Shaffer	B3	38 8	89 8	17 278	691
PA Riss Holsteins	B3	29 9	90 1	18 391	690
Paul I Detwiler	3	106 1	91 4	17 202	687
Allen Claar	B3	53 9	86 5	17 929	682
Paul Den	3	76 4	91 1	17 893	679
Clarence & Ken Mowry	3	189 2	90 3	19 431	678
Roger R Brumbaugh	B3	41 6	87 4	18 587	671
Sunny Four Farm Inc	B3	74 7	88 6	18 551	663
Andy T Mohr	B3	56 9	88 7	18 512	661
Anna & Henry Hall	B8	71 8	84 2	16 596	661
Daniel Smith	3	59 3	87 5	16 713	656
Obie Snider	3	155 7	83 8	17 061	654
R Clair & Alan Koontz	B3	81 9	87 4	17 215	652
Jerry L Hershberger	B3	102 4	88 4	18 192	651

The following cows completed 305 Day Lactation with 800 lbs or more of butterfat in second quarter 1985

Owner Name or No	Brd	Age	Lbs Milk	Lbs Fat
J Allen Baker				
Tramp	4 4	3	26 071	978
Elwood & Rich Smith				
Sandra	4 8	3	19 848	894
Cove Crest Farms				
Promise	8 5	3	22 157	890
Gatesway Farms				
136	5 3	3	18 088	805
Clarence & Ken Mowry				
July	5 9	3	27 747	949
Eva	3 7	3	20 074	815
Grandl	3 7	3	20 851	887
Anna & Henry Hall				
Hattie	5 10	3	23 857	917
Garmandale Farm				
Lena	4 6	3	17 521	808
Dick & Eleanor Rick				
156	4 7	3	20 539	857
Greg & Betty Shaffer				
25	6 2	3	18 468	820
Larry Beach				
27	5 11	3	23 446	825
Ronald M Dively				
16	5 10	3	19 575	944
Paul & David Heisel				
119	4 4	3	20 221	845
David O Neal				
Janet	6 1	3	21 773	882
Donald Bowser				
261	6 3	3	21 581	825
268	5 2	3	17 708	869
Dwight Kagarise				
Maud	4 0	3	19 367	808
Cove Crest Farms				
Marian	6 7	3	23 564	822
Model	3 7	3	24 864	986
Obie Snider				
Elma	3 6	3	20 070	810
Clarence & Ken Mowry				
Cresent	6 11	3	21 927	811
Rita	6 3	3	17 938	801
Trilly	4 11	3	25 785	827
Jack E Colledge				
221	3 10	3	23 876	803
Anna & Henry Hall				
Anabel	5 8	3	21 443	812
Pam	8 0	3	18 277	835
Lulu	4 9	3	23 708	848
Sunny Four Farm Inc				
Sylvia	4 2	3	24 266	869
Greg & Betty Shaffer				
52	3 3	3	20 533	924
Robert Swartzwelder				
26	4 10	3	23 145	808
Keith & Betty Black				
58	3 11	3	18 962	807
Paul & David Heisel				
58	7 0	3	18 994	815
140	4 0	3	20 383	848
Joseph B Brechbill				
43	8 8	3	22 015	815
James Eshelman				
442	4 5	3	18 812	813
Luther & Phil Steele				
Hail	5 8	3	18 986	853
Cove Crest Farms				
Shirley	4 7	3	23 135	841
Sunny	4 7	3	22 947	894
K & D Farm				
Bevette	4 9	3	22 947	856
Jerry L Hershberger				
1	7 4	3	24 410	867
Clarence & Ken Mowry				
April	7 0	3	28,614	956
Saphire	6 3	3	21 195	854
Bonibel	5 11	3	26 041	915
Clove	4 11	3	24 101	904
Jack E College				
Grace	3 4	3	21 861	827
227	3 7	3	19 928	823
Blair Brooke				
Sara	4 2	3	21 455	839
Sunny Four Farm Inc				
Splendid	4 2	3	23 108	921
Garmandale Farm				
Spice	4 6	3	18 750	803
Shawna	4 8	3	19 751	842
Paul Steve Ritchey				
26	4 11	3	19 963	822
Edward A Deputy				
124	5 5	3	22 485	915
48	4 11	3	22 204	810
139	3 1	3	21 303	911
Ch & Ross Hershberger				
100	10 0	3	23 148	830
112	9 5	3	18 246	861
Jackie	3 5	3	20 223	809
Paul I Detwiler				
116	6 0	3	20 088	800

Tioga County DHIA Monthly Report

Pennsylvania Dairy Herd Improvement Association

May, 1985

Glenn Bowen	3	39 3	86 3	18 902	765
Paul&Emma Machmer	B3	20 8	86 6	19 043	757
Stephen E Bolt	B3	71 5	85 9	20 034	741
Gerald Parker	3	72 8	88 7	19 111	736
Theodore Schmelzle	3	49 6	87 8	18 945	721
Douglas W Lawton	3	62 0	87 9	19 016	720
Bernard G Courtney	3	140 3	88 0	18 856	718
Mic Realty	3	65 0	86 8	17 039	704
Verne W Bowen	3	37 9	89 9	18 227	702
Richard Groover	3	39 8	84 4	18 937	701
Randy Parthemer	G3	37 9	86 7	19 303	696
Larry&Mary Herman	3	46 4	88 4	17 622	690
Charles D Groover	3	15 8	88 5	17 832	688
L&J Holsteins	3	39 0	87 7	17 838	684
Charles&Doris Porter	3	37 5	88 2	18 355	671
Robert L Miller	B3	79 6	86 7	17 317	664
John&Eileen Rieppel	B3	34 4	81 9	18 614	663
Thomas Groover	B3	26 0	85 5	17 691	663
Norman&Gary Jackson	3	40 7	85 3	17 452	660
Galen&Dale Jackson	B3	38 7	82 8	17 577	656
Jack E Randall	B3	31 1	86 4	17 263	654
Cortland Wilson	B3	53 3	85 8	17 444	651

THE HIGH PRODUCERS
Cows that produced 750 lbs of butterfat or more in 305 days in May 1985 in the Tioga County D H I A

Timmerill Farms					
Blakjak	6 1	305	25 240	4 6	1160
Stephen E Bolt					
Mary	13 3	305	28 389	3 5	983
Sue	3 2	305	23 568	3 8	885
Cindy	5 9	305	22 442	3 6	816
Ruth	8 1	305	20 611	4 0	816
Russell Bowen					
Vada	4 9	305	24 370	3 6	872
William Wilcox					
Melissa	4 8	305	21 300	3 9	836
Paul&Emma Machmer					
#19	3 2	305	21 497	3 8	826
#2	4 5	305	21 266	3 8	808
Dennis&Donna Moyse					
Carolee	6 6	305	19 421	4 1	801
Cortland Wilson					
Petunia	8 3	305	18 769	4 3	799
Charles Neal					
#12	10 2	305	16 463	4 8	786
Roy A Schanbauer					
Annie	7 9	279	18 897	4 1	780
Floss	8 5	305	17 990	4 2	752
MIC Realty					
Deb	7 7	305	18 192	4 2	773
Dave Huck					
#07	3 11	305	19 179	4 0	760
Glenn Bowen					
Jerry	3 9	305	20 517	3 7	751

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1 DUST COLLECTOR ELIMINATED
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- B Reduces respiratory problems in animals
- C Reduces dust in confinement facilities
- D Improves feed palatability
- E Reduces bridging in bins & feeders
- F Helps improve butterfat test
- G Helps to reduce ulcers in hogs

2 SELF-CONTAINED HYDRAULIC DRIVE
- A Operates infeed & unloading augers
- B Eliminates hose coupler problems and hydraulic fluid contamination
- C Convenient to use with any 540 PTO tractor
- D No drive shafts, gear boxes or bevel gears

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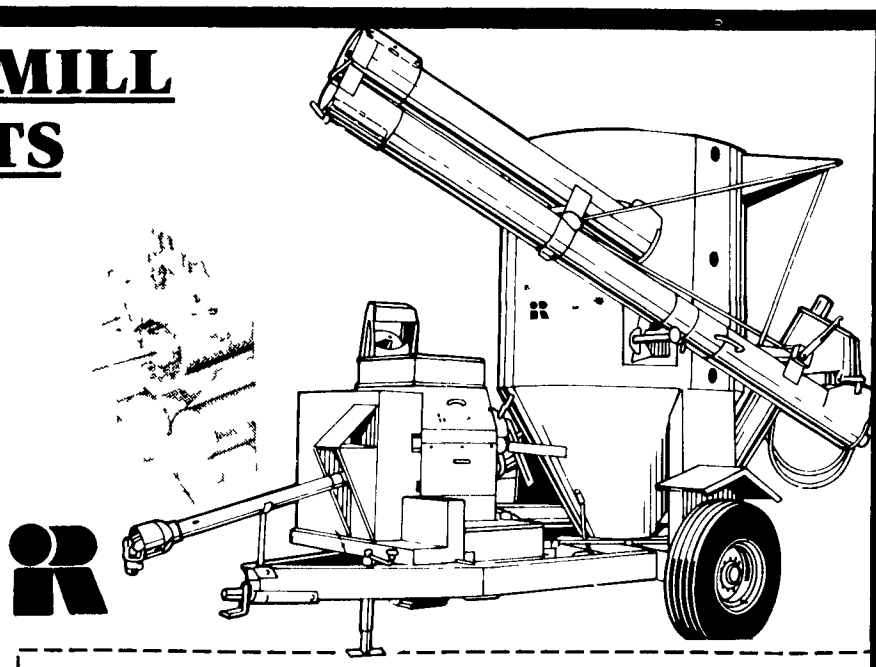
3 EAR CORN CRUSHER
- A Whole kernels pass through screen after being shelled from the cob
- B Cob is reduced to uniform size by forcing it through the screen (no grinding)
- C All husks are shreaded to small pieces that won't wrap or cause bridging An asset in automatic feeders
- D No knives to get dull, sharpen or replace

4 SOLID WHITE IRON ROLLS
- A Rolls turn at the same speed (regardless of moisture content) to reduce flour & fines
- B Rolls are self cleaning at any moisture because of the metal and shape of the corrugations
- C Rolls can be recorrugated (after considerable usage) many times very economically
- D All grain is crushed not shreaded or ground as occurs when one roll turns faster than the other Process small grain and compare
- E Used in feed mills in over 40 countries around the world
- F Low maintenance cost & quiet operating V-belt drive

5 ENERGY EFFICIENT
- A Low horsepower requirements (30-50 h p) for high capacity
- B University research proves an average of 10% better feed conversion
- C High capacity & low horsepower to fill silo with high moisture ear corn



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Tom Dunlap, Jersey Shore PA	717 398-1791
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S G Lewis and Son, Inc , West Grove, PA	215-869-9440
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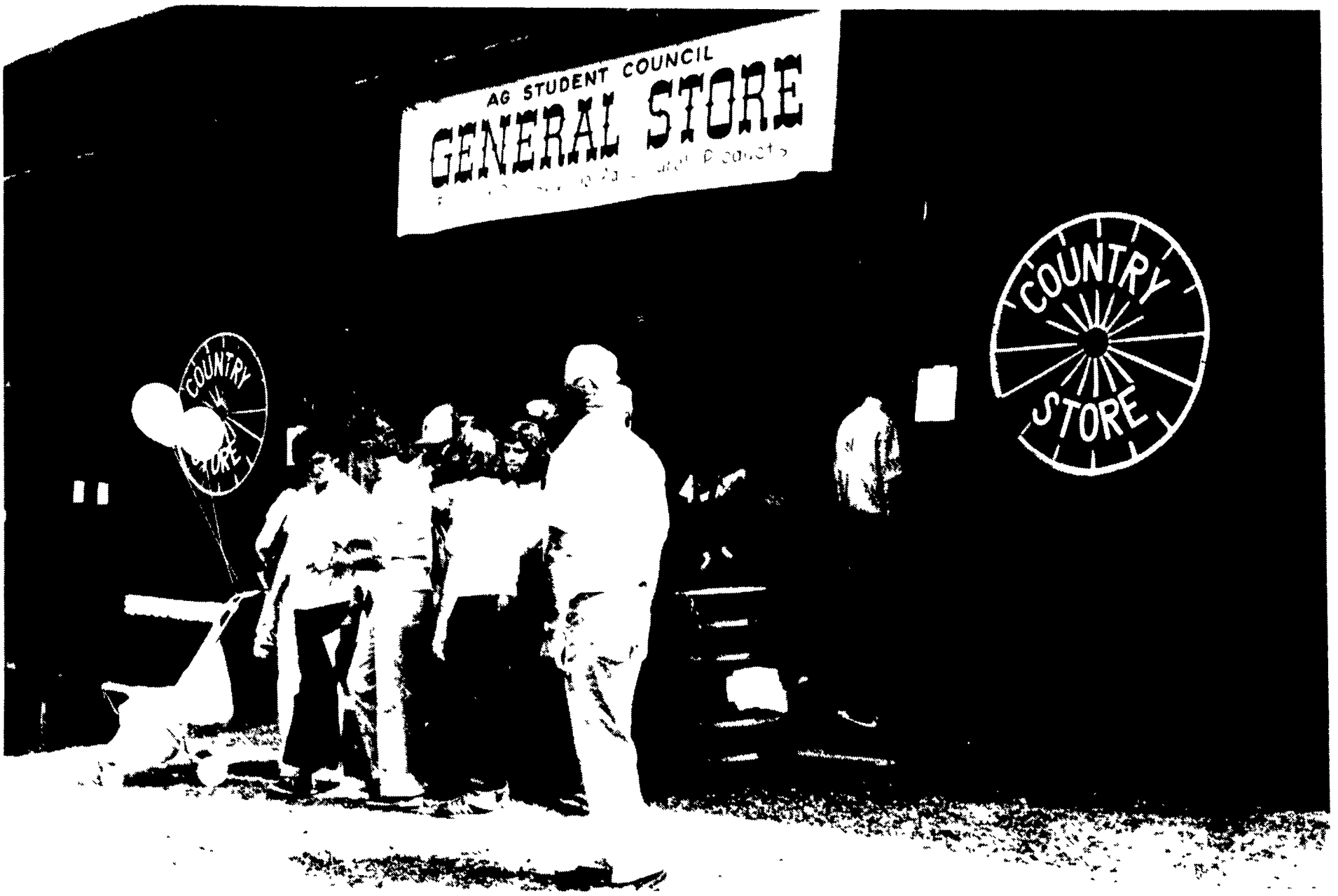

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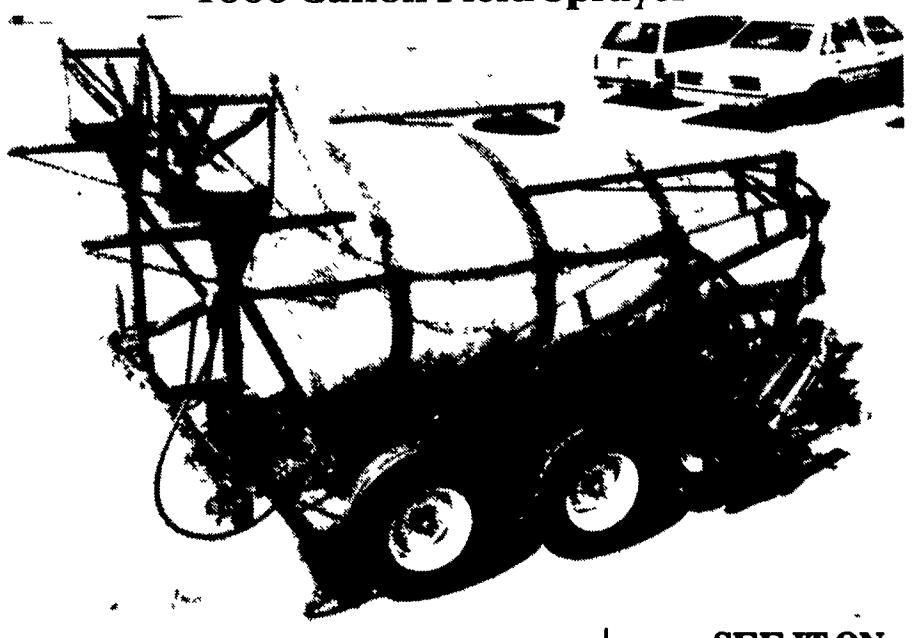

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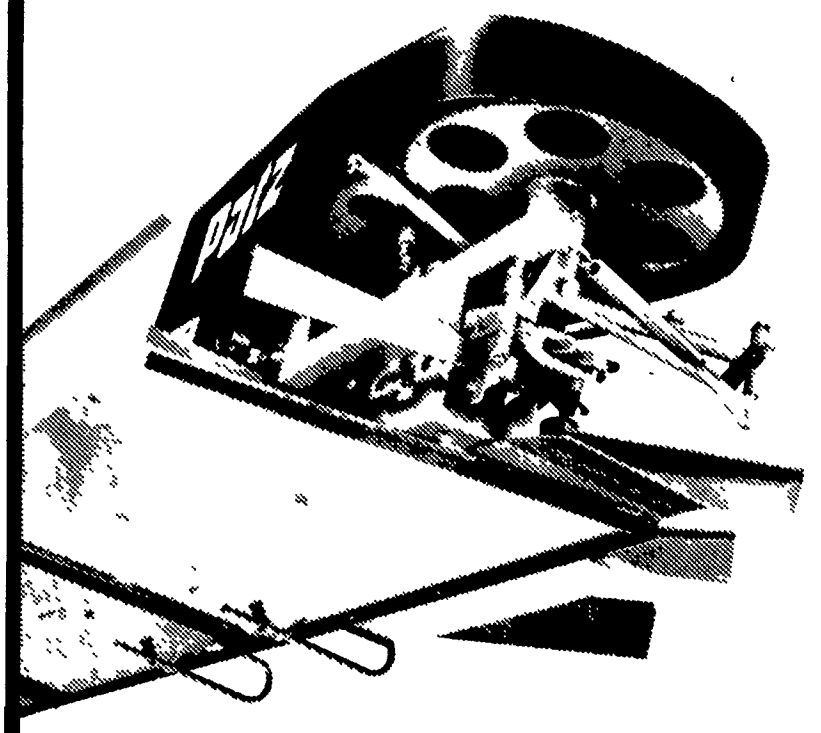

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Block commends SCSA for education effort

ST. LOUIS, MO. – The announcement of a nationwide educational effort to raise awareness of erosion "costs" as well as the benefits each American receives from conservation efforts drew immediate praise from U.S. Secretary of Agriculture John Block.

The effort, which is expected to receive wide financial support from companies involved in the food industry, will be conducted under the auspices of the Soil Conservation Society of America, a non-profit, educational organization.

"I commend the Soil Conservation Society of America and Pioneer Hi-Bred International for taking the lead in organizing this educational program on soil and water conservation," Secretary Block told some 1,000 participants attending the organizations 40th Annual Meeting, here.

"Soil erosion, too often, is viewed as the farmers' problem. But the fact is, without soil, there is no grass, there is no grain, there are no cows, there is no food or fiber, and that adds up to there being no people."

Plans for the educational program call for using radio, television, newspapers, magazines and other media to help spread the conservation message. However, Walt Peechatka, executive vice-president for the Soil Conservation Society of America, said the program will also concentrate on incorporating messages about erosion "costs" and conservation benefits into everyday learning experiences within the nation's schools.

"For example," Peechatka explained, "an algebra teacher is interested in teaching algebra. However, the teacher doesn't really care if the problem students are asked to solve deals with widgets and gadgets or soil loss and reduced water reservoir capacity. In fact, the teacher may often prefer the latter since they provide practical examples for the need to learn algebra. In addition, by supplying teachers with materials that allow easy incorporation of the conservation message into the everyday learning experience, two lessons can be taught during a single class period."

Peechatka noted that Pioneer Hi-Bred International, Inc., the leading developer and supplier of U.S. crop seeds, has provided major funding and staff time for initial planning and program development. But he called on companies involved in the food and fiber chain from the farmer to the consumer to take the lead in providing needed additional funding for execution of the program.

"We believe that food processors, beverage companies, national and regional restaurant chains, communications companies, truck and tire manufacturers, packaging manufacturers and others involved in this chain should, and will, have a high degree of interest in participating in this educational effort," Peechatka said. "This program offers these companies the opportunity to be involved with a worthwhile effort offering numerous opportunities for high company visibility.

"However, we think there is an even more important reason why many will want to be involved–it is these companies their stockholders, employees and customers who have the most to gain if bountiful food and fiber supplies continue, and the most to lose if inaction results in an inability to meet future food and fiber needs."

Peechatka noted that the hunger and death currently being experienced in Ehtiopia provided major impetus for initiation of the educational effort. However, Dr. William Larson, head of the Department of Soil Science at the University of Minnesota, who participated in a briefing following the announcement, stated that current suffering and death in Ethiopia may not long be a unique situation.

"Conditions similar to those in Ethiopia are rapidly developing throughout Africa, the Mideast, Mexico, Central and South America and in other developing nations," Dr. Larson said. "These areas are typically experiencing high birth rates and severe erosion problems. While their need for more food and fiber production is rapidly rising, wind and water erosion are reducing the productive capacity of their soils at an equally rapid pace.

"It's only a matter of time. Our children and many of us will be faced with either allowing people in these countries to starve or calling on our own soil resources to provide needed food and fiber for them. I can't believe that our society will find the first option acceptable. Therefore, it is imperative that we protect the productive capacity of our land by making an immediate societal commitment to conservation efforts," Dr. Larson concluded.

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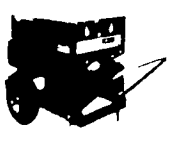
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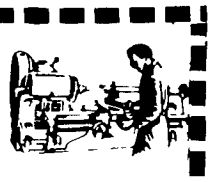

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Critical Area proposals to be discussed at Chesapeake symposium

COLLEGE PARK, Md. – Proposals by the Maryland's Critical Area Commission will impose broad new restrictions on land use in the 1,000-foot strip bordering the Chesapeake Bay and its tributaries.

Key state and local officials as well as people who live and work along the Bay will express their views on the controversial proposals at a symposium on Wednesday, Aug. 21. Sponsored by the Soil Conservation Society of America (SCSA), the symposium will be held from 8 a.m. to 4:30 p.m. at the University of Maryland Baltimore County (UMBC) in Catonsville.

According to Randy L. Bachtel, SCSA representative, the purpose of the event is to make people aware of what is being proposed for the 1,000-foot strip along the Bay and its tributaries before it is enacted into law.

Among the speakers will be Dr. Sarah J. Taylor, executive secretary for the Critical Areas Commission, which drafted the proposals. Constance Lieder, Maryland Secretary of State Planning, will discuss why the proposals are needed and her department's role. Benjamin L. Cardin, Speaker of the Maryland House of Delegates, will represent the legislature's views.

Speaking for private landowners and businesses will be Y. D. Hance, a farmer and former state secretary of agriculture; Mareen D Waterman, Waterman Realty; and Billy Jo Groom, a waterman from Shady Side, Md.

Cost of the symposium is $25 and include lunch and coffee breaks. For a registration form or more information, call 301-797-6820.

Eastern Mobile Mills appoints two to staff

Robert Lowery

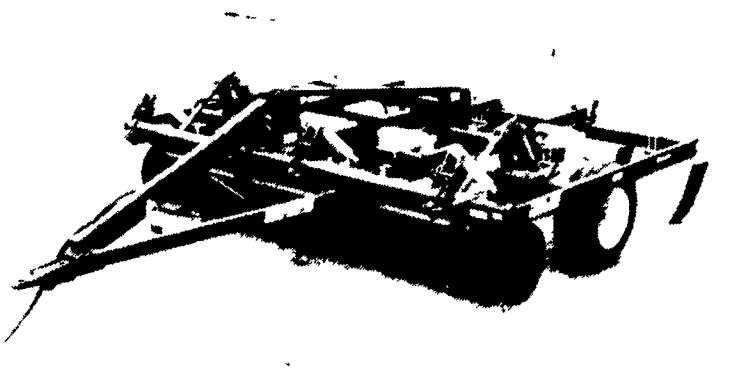
ROTHSVILLE – Eastern Mobile Mills (EMM), Rothsville, has announced two new appointments to its staff. Robert Orner, Dillsburg, will be in charge of sales for bulk feed trucks and mobile mills. Orner formerly managed 15 employees and brings 18 years experience in grain and feed handling equipment to his new position.

Robert Lowry, New Holland, has 25 years experience and has been named Parts and Shop Coordinator by Jack Conrad, owner of EMM since 1969.

EMM is distributor for Walinga Body and Coach, Ltd. of Ontario, Canada and features a full line of Sales and Service for bulk feed trucks and Daffin Mobile Mills. Sales territory for the Lancaster County-based company covers the eastern US from Virginia to Canada. The company also has export and sales rights to Puerto Rico.

Robert Orner

Slicer gang adjustment



Easy, on-the-go slicer gang adjustment is now available on Glencoe Soil Savers. Features of the new gang adjuster include adjustment up to 10 inches above the ground tool, choice of hydraulic or ratchet jack adjustment, easy installation, 3½-inch diameter, heavy-wall tubing pivot shaft and greaseable bearings. This new attachment is available as optional equipment for all new and existing standard and stretch frame 7, 9, 11 and 13 shank Glencoe Soil Savers.

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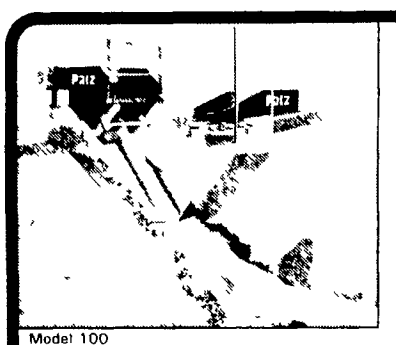
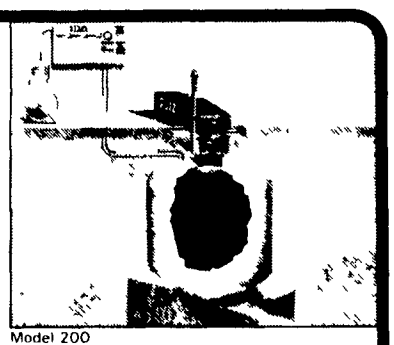


Model 100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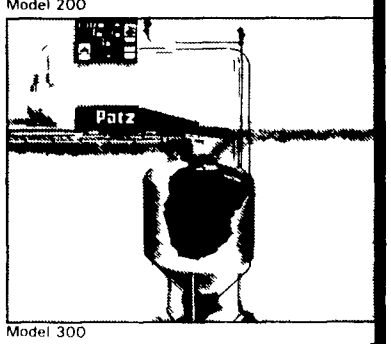
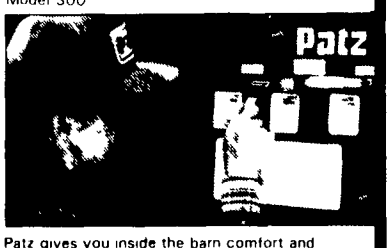


Model 300



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New York ag - past, present, future is theme of Cornell fair exhibit

ITHACA, NY. – Before the vast expanse of the West was brought into agricultural production, New York State was the breadbasket of America. Today, New York's agriculture is thriving as the number one industry in the Empire State.

Deeply rooted in science, modern agriculture's unmatched capacity to produce food and fiber is no accident. The result: food is plentiful, diverse, and wholesome the year around at costs that hardly dent the consumer's pocketbook.

The story of New York's agriculture–how it began, what it has gone through, science and technology involved, glimpses of things yet to come, and many more issues–will be told in sounds and sights through a Cornell University exhibit during the 1985 New York State Fair in Syracuse, August 23-September 2.

"It will be a magnificent exhibit--one that's even better than last year's," promises Kenneth E. Wing, associate dean of the New York State College of Agriculture and Life Sciences at Cornell.

The goal, he says, is to provide fairgoers with a greater understanding of agriculture's role in the economy of New York and how it relates to other aspects of life.

To be staged under the theme "New York State Agriculture: Foundation for the Future," the Cornell exhibit is an expanded version of last year's show, which won the top award as the "best exhibit" at the 1984 fair. It will make a repeat appearance with additional displays in the fair's agriculture and health building, occupying nearly 13,000 square feet of floor space.

A joint effort of the New York State College of Agriculture and Life Sciences, the New York State College of Human Ecology, the Division of Nutritional Sciences of these two colleges, and the New York State Agricultural Experiment Station at Geneva, the Cornell exhibit is designed and created by the staff of Media Services and the Geneva experiment station.

The centerpiece of the exhibit will be a recreation of an apple orchard, complete with live, fruit-bearing trees and grasses against the backdrop of a 30-foot-long photographic mural of an orchard scene. Grown under special conditions, the trees on display bear "Empire" apples–a variety that now enjoys enormous popularity among consumers.

The Empire State ranks second only to Washington state in apple production, supplying crisp apples, along with an assortment of apple products, the year around.

"A major segment of New York's agriculture, apple production represents a success story worthy of telling because every step of the way in fruit production has been improved through modern science and technology," Wing says.

Take the Empire variety as an example. A combination of McIntosh and Delicious, this variety, introduced in 1966, took more than two decades of work by Cornell scientists at the Geneva experiment station, one of the world's leading apple research centers.

It takes a great deal of time, energy, and effort to create a new apple variety like the Empire, which has turned out to be one of Cornell's most successful introductions, Wing notes. Widely grown in New York, the Empire is gaining commercial importance across the nation.

New this year will be a kiosk where fairgoers can ask computers questions about all aspects of apple production, everything from facts and figures about production to what it takes the control nasty insect pests and diseases that relentlessly attack fruit trees.

Also part of the exhibit will be a rustic roadside apple stand, where visitors can sample fresh apples and cider. the roadside stand will be staffed during the fair by representatives of the Western New York Apple Growers Association.

Apple production represents only one segment of New York's agriculture. A series of large color transparencies showing New York's top 10 agricultural products, ranging from dairy products to field crops, such as wheat, corn, and hay, will greet visitors to explain, in a nutshell, these leading segments of agriculture. Unlike many other states in the nation, New York's agriculture is diversified, producing a variety of commodities.

Another major attraction of the Cornell exhibit will be an 18-minute, multi-image, audio-visual show, chronicling the history of the Empire State's agriculture from its very beginnings to modern day agriculture, the science and technology behind it, and the role Cornell has played through the years in creating today's dynamic agriculture. The show, also produced by Cornell's Media Services, will run continuously in a domed theater within the exhibit hall from 10 a.m. through 10 p.m. daily.

Also to be featured is a "Food and Health" display, which will provide information about food and nutrition, ranging from food processing to nutritional aspects of food.

For those interested in agricultural careers, Cornell representatives will be at the exhibit to provide informatio about admissions and program available in the New York Sta College of Agriculture and Li Sciences at Cornell.

"Overall, the goal is to provid an opportunity for people to se and understand how dynam agriculture is, "Cornell's Win points out. "The apple orchar created as part of the exhibit is dramatic example of New York' agriculture in action."

Grange backs program for acreage reserve

WASHINGTON – According to government statistics there are 79 million acres of highly erodible cropland across the country currently in production. In an effort to remove some of this land from production and prevent further soil erosion, the National Grange has proposed a two-part conservation program.

The Grange recommends a 20 million acre reserve where USDA would contract with farmers to take highly erodible land out of production. Farmers would enter into seven- to 15-year agreements with USDA on a bid basis based on the value of each acre, and for cost-sharing to convert the land to grassland, forest or other conservation uses. The contracts would remain in force even if the land is sold during the term of the agreement.

At present USDA supports converting the land only to fallow or trees with no alternative uses allowed such as haying or grazing. The Grange feels it would be more economical and increase participation to allow and encourage farmers to use their land fo productive nonerodible projects

The Grange also supports a sodbuster program which would keep highly erodible land no currently in crop production from being used. Should a farmer begin farming these lands a strong cross-compliance provision would deny him the benefits of all price or income support farm programs.

The Grange believes that all federal farm programs should be aimed at reducing soil erosion and discouraging already highly erodible land from being cropped

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Mixed outlook for New York farmers

ITHACA, NY — "New York farmers aren't as financially stressed as farmers in other states, but they haven't hit rock bottom yet either" [illegible] conclusion of a [illegible] University agricultural financial expert who has analyzed data from a recent statewide survey of the financial status of farmers in New York.

Only about 6 percent of New York farmers, for example, are in extreme financial stress compared to 10 percent of the farmers in Iowa and 18 percent in Minnesota and Colorado, says Eddy LaDue, professor of agricultural economics in the New York State College of Agriculture and Life Sciences at Cornell.

In cooperation with the New York Crop Reporting Service, LaDue and Wayne Knoblauch, also in the Department of Agricultural Economics as Cornell, planned **The New York Farm Finance Survey**, the first survey of its kind in New York to assess the financial status of the state's farm operators.

"Although we suspected that New York farmers were not in as critical condition as farmers in the Midwest, our survey provided concrete information to confirm it," LaDue says

One reason why the state's farmers aren't as financially stressed is because New York agriculture is based primarily on dairy farming. While the prices for other commodities have fallen dramatically, dairy prices have not decreased as rapidly due to a build up of excess supplies and the existence of dairy price supports

Farmers should be aware, however, that milk prices probably will drop further, LaDue warns. "Technological changes, such as bovine growth hormone, will likely keep downward pressure on milk prices for the next few years," he says.

Also, farm land values have not fallen as rapidly as they have in the Midwest. Agricultural land values dropped an average of about 12 percent in the U.S. last year. While New York land values fell only 4 percent, land prices shrank 20 to 25 percent in the Midwest. In the past four years, land in the Midwest has declined in value by up to 50 percent, according to LaDue.

"Declining real estate values are critically important when land is used as collateral for a farmer's loan. The debt-to-asset (debts as a percent of total assets) ratio rises as land values fall, and through no action on the farmer's part, he or she can end up with serious [illegible]lems," Ladue points out.

The statewide survey gathered information in April 1985 from 1,655 farmers with an average age of 53 years and who have been in farming an average of 26 years. The average debt-to-asset ratio, used to assess financial health, is about 22 percent. Average gross sales for 1984 were $92,849 with an off-farm income of $11,927.

The survey revealed that while about 42 percent of New York's farmers have no debt at all, one-quarter have a debt/asset ratio less than 20 percent; 15 percent between 20 and 40 oercent; and 15 percent between 40 and 70 percent. That leaves 6 percent in the critical situation of having their debts equal to more than 70 percent of their assets.

Dairy, grape, and cash grains in the state have the most serious financial problems. Only one-third of the dairy farmers, for example, have no debt, one-quarter have less than 20 percent, 18 percent from 20 to 40, 19 percent from 40 to 70 percent, and 7 percent have debt/asset ratios greater than 70 percent.

The survey also looked at the rate of farm delinquency on loans. LaDue notes that while almost 7 percent of New York farmers indicated that they were delinquent on their non-real estate loans, 15 percent of Illinois farmers, 25 percent of Minnesota farmers, and 30 percent of Montana farmers are delinquent. In fact, many other states have higher delinquency rates for their farmers than does New York.

"Farmers here aren't nearly in as bad a shape as in other areas of the nation but the farming situation here will likely get worse before it gets better," LaDue warns.

"New York is lucky in that it is forewarned. Both farmers and lenders are more consevative now that they are aware of the problems in other states," LaDue adds. He is hopeful that "they will avoid high risk financial situations, to the degree that is possible."

Following-up this survey will be an in-depth analysis of the survey statistics as well as a further comparison with other states. A second survey of suppliers (feed, fertilizer, fuel, etc.) measuring the impact of farm financial stress on these related businesses will be available soon. A third survey of banks and financial institutions that make loans to farmers is also being completed.

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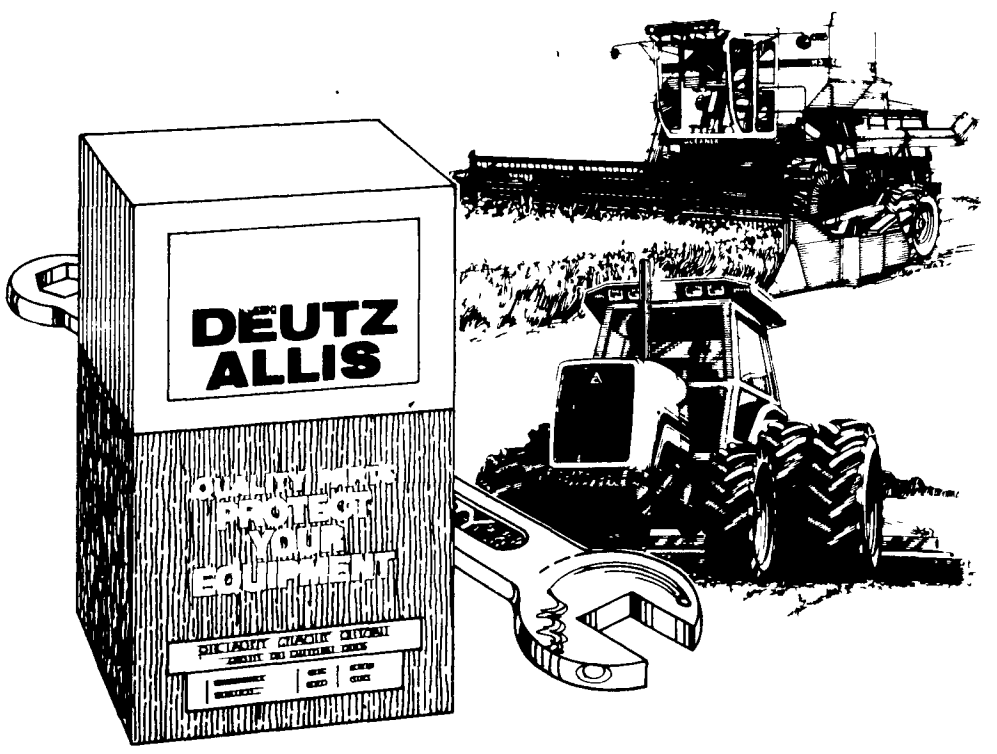

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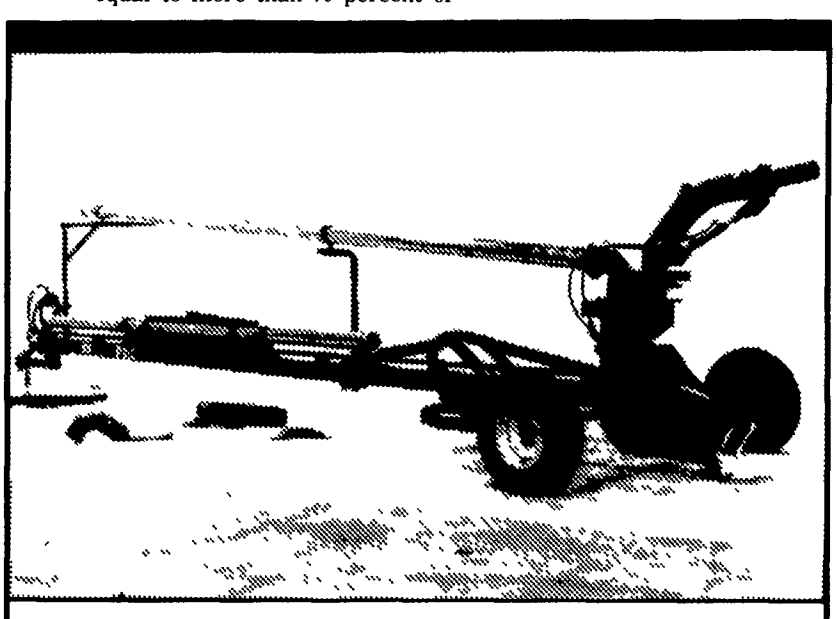

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Potter County DHIA Report

Pennsylvania Dairy Herd Improvement Association

June, 1985

Owner	Brd.	No. Cows	Days In Milk	Lbs. Milk	Lbs. Fat
Ivan Kibbe Jr	RH	91.9	91 4	19,843	807
Jack Thomas Sr	Mix	50 5	89.2	19,835	762
Jack Thomas Sr	Mix	51 4	89.4	19,994	759
Ivan Smoker&Sons	RH	100 9	86 4	18,897	734
Snyder Farms	Mix	38 9	87 6	19,934	734
Robert Francis	RH	39.9	80 8	18,772	719
George Barker	RH	60 2	83.9	18,707	709
Jack Knowlton	RH	60 3	88 2	19,949	703
Alvin Miller & Son	RH	82 4	89.5	17,077	692
Jay N Heisey	RH	72 3	88.0	18,409	*691
Carl Erway Farm	GH	103 4	84.5	17,377	679
Guy Dunn	RH	53 8	88.1	18,362	676
John C Traub	R&GH	40.3	85 7	18,000	670
R-Own Farms	RH	68 6	84.0	18,308	*664
Dale Hoffman	R&GH	71 9	89.2	18,593	658
G & P Thompson	R&GH	82 0	85.9	18,492	657
John H Lehman	RH	81 2	87.9	16,866	656
Kenneth Lambert	R&GH	44.3	88.8	16,744	625
James Cady	GH	54 2	87.8	16,261	621
Kenneth Perkins	Mix	36.3	80.4	15,725	614
Charles M Cornell	R&GH	48 5	84.3	15,570	609
Dean Lampman	GH	49 2	88.0	15,807	609
Kevin Risser	R&GH	96.8	83.7	16,327	602
S & S Brubaker	R&GH	74.7	85.6	15,844	600

* Denotes 3 Times A Day Milking

Owner Name or No.	Brd.	Age	Days In Milk	Lbs. Milk	% Fat	Lbs. Fat
Potter County cows with lactation records over 750# pounds fat						
Jack Knowlton						
Maude	H	2-11	305	20,388	4.6	938
Flossie	H	3-6	305	20,676	3 7	771
Pfiel	H	2-7	305	20,087	3 8	759
Alvin Miller & Son						
#293	H	6-8	305	18,838	4 6	861
#82	H	3-8	305	19,421	4 2	810
George Barker						
Niki	H	7-8	305	23,319	3 6	830
Bourbon	H	6-10	305	25,029	4 0	989
Pepper	H	6-11	305	20,779	3 8	782
Ivan Smoker & Sons						
Crackle	H	4-2	305	21,661	4 2	902
Arrow	H	4-8	305	19,776	4 6	907
Snyder Farms						
Twoshoe	H	10-4	305	26,830	4 3	1147
Spic	H	5-8	305	23,846	3 5	826
Stan & Sarah Brubaker						
#75	H	4-5	305	21,696	4 0	858
Jay N Heisey						
Agnes	H	4-4	305	18,522	4 5	827
John H Lehman						
Twig	H	4-7	305	19,327	4 4	841
James Cady						
#40	H	10-7	305	20,405	3 8	785
Gene & Phyllis Thompson						
#46	H	2-10	304	20,323	3 8	782
#50	H	5-1	305	20,665	3 6	750
Jack Thomas Sr						
Jule	R&W	4-3	305	20,848	3 8	796
Silky	H	3-6	305	24,265	3 6	869

Centre Co. DHIA Report

Pennsylvania Dairy Herd Improvement Association

The high herd in the Centre County D H.I.A for May was Valley Wide Farm, Spring Mills The Valley Wide herd of 81 cows had a rolling herd average of 20,762 pounds of milk and 801 R pounds of butterfat with 87 0 percent days in milk

Owner	No. Cows	Days In Milk	Lbs. Milk	Lbs. Fat
Richard Trinca	51	86 2	20,827	793
Graham Bros Farm	107	84 9	21,244	775
Jay Houser	69	88 8	20,094	768
Fairbrook Farms	91	89 0	19,965	753
Evan & Ricky Homan	58	85 6	19,479	718
Joseph Hartle	69	87 2	19,351	716
Rodney Reese	105	88 5	18,746	713
Paul Hartle	40	85 6	19,326	712
Stringers Sand Ridge	65	86 5	18,146	711
John Ishler	69	87 2	19,364	709
Bruce Ulmer	61	87 5	19,784	701
Penn State University	119	85 3	19,117	696
Franlo-Alken Farms	35	87 1	19,772	691
Jesse & Mary Burkholder	40	90 0	19,718	690
Glenn & Robin Gorrell	52	88 6	17,996	*689
L Thomas Musser	44	85 5	17,883	689
Reesebrook Farms	111	87 2	18,439	678
Paul-Douglas Vonada	61	88 0	17,683	678
Steve & Cindy Lansberry	39	87 3	18,972	676
Fred Burris	30	86 2	17,297	676
Melvin Dutrow	36	86 6	18,615	675
James Rider	87	86 0	18,187	670
Carl Gates	39	87 7	18,068	670
Barry Kerstetter	69	89 1	18,331	664
Fred Benner	120	89 0	17,446	663
Daniel & William Boob	67	87 6	17,341	661

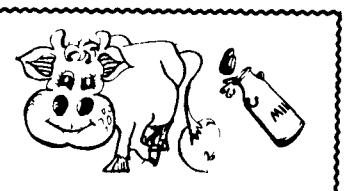
* Indicates 3 Times A Day Milking

The ten high individual cow actual production records in D H I A produced on a two times a day milking in 305 days or less were in the following herds

Owner	Lbs. Milk	% Fat	Lbs Fat
Jay Houser	23,737	4 4	1042
Graham Bros Farm	24,086	4 3	1038
Rodney Reese	21,832	4 3	934
John Ishler	22,186	4 1	919
Fairbrook Farms	18,055	5 0	898
Joseph Hartle Jr	25,588	3 5	892
David Grosvenor	26,441	3 4	886
Penn State University	23,153	3 8	886
Joseph Hartle Jr	21,008	4 2	883
Grahm Bros Farm	25,009	3 5	882

NOTE ALL ANIMALS AND HERDS ARE HOLSTEIN UNLESS OTHERWISE NOTED

The high goat herd for the month was
Sinking Springs Farm 10 4 4 0



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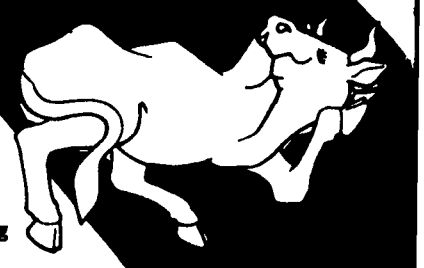

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House group okays Farm Bill provisions

WASHINGTON – The House Agriculture Committee last week made substantial further progress in giving tentative approval to additional sections of its 1985 farm bill, including provisions dealing with cotton, rice, sugar, and a permanent system for setting farm acreage bases, Committee Chairman Kika de la Garza, D-Tex., reported.

The Committee also acted on some portions of the trade policy section of the omnibus bill. In previous action, the Committee had given tentative approval to portions of the legislation dealing with dairy stabilization, conservation, agricultural credit, peanuts, wool and mohair, agricultural research and extension and domestic food assistance programs, plus several sections dealing with agricultural marketing orders.

Highlights of the material approved:

COTTON AND RICE

– Basic price support loans: For both crops, the basic loan rate for each of the four years beginning in 1986 would be 85 percent of an average which considers both domestic and international market prices, with any year-to-year reductions restricted to no more than 5 percent. (The formula is the same one now in use for cotton but eliminates a current 55 cent a pound floor under the cotton loan. For rice, the formula is new.) For cotton, any target price payments caused by lowering loan rates below 55 cents would not be subject to limitations on target price payments to individual producers.

– Further support loan adjustments: After setting the basic support rate for cotton and rice in any year, the Secretary of Agriculture would–if he first determines that the new rate would substantially discourage exports–make a further reduction in that year's loan rate of not more than 20 percent. Any offsetting increase in target price payments made necessary by such a cut would not be subject to payment limitations.

– Marketing certificates: Whenever the Secretary determines that the world market price for cotton or rice has fallen below the loan rate, he would have to issue marketing certificates bridging the gap between the world market and the loan. The certificates would go to handlers who buy cotton from farmers for both domestic use and exports, but for rice would cover only the export portion of the crop. The certificates would be "in kind" payments, redeemable for government-owned surplus cotton, rice or other commodities. The new system would serve to keep cotton and rice available to export buyers (and to domestic cotton mills which have to compete with foreign textiles made from American cotton) at competitive prices.

– Target prices: Rates for both cotton and rice in 1986 would be frozen at the 1985 levels of 81 cents a pound for cotton and $11.90 per hundredweight for rice. Beginning in 1987, targets for both crops would be set at not less than 90 percent of the average cost of production for the three preceding years, with a limit of 5 percent on year-to-year changes. An Agriculture Committee estimate indicates the cotton target might go to 77 cents in 1987 with rice going to $11.31.

– Target price payments: As in the past, they would cover the gap between market or loan levels and the target price, with payments to individual growers generally limited to $50,000.

– Surplus reduction: If the Secretary of Agriculture estimates that the surplus carryover following an upcoming crop of cotton or rice would exceed one-third of predicted domestic and export use of cotton or one-fifth of predicted needs for rice, he would have to offer producers a surplus-reduction program. Under such a program, growers would have to comply with an unpaid acreage reduction of up to 25 percent in order to qualify for price supports. If a deeper reduction (which could go up to a further 25 percent) is needed, it would be sought under a payment-in-kind acreage diversion program with diversion payments limited to $50,000 per producer. Growers seeking eligibility for cotton or rice supports would not be compelled to comply with programs for other crops or on other farms in which they have an interest.

– Disaster payments: The bill provides no authority for disaster payments for cotton and rice, and growers who want such protection would depend on crop insurance policies.

SUGAR

The sugar section of the bill would extend the government's sugar price support program through the 1989 crop.

The measure sets the minimum price support rate for raw cane sugar for the 1986 through 1989 crop at 18 cents a pound, the level which has been set under terms of existing law for the 1985 crop. Supports for beet sugar would, as in the past, be based on the cane sugar level. Also, the Secretary of Agriculture would be directed to consider possible future annual adjustments in the support price based on factors including inflation and rising production costs. If the Secretary rules against such adjustment, he would be required to report his findings to the House and Senate Agriculture Committees.

Under current law, which was adopted as part of the 1981 omnibus farm bill, the government makes price support loans available under terms requiring the loans to mature during the same fiscal year in which they are made. A system of import quotas and fees operated by the government under authority of other laws is used to keep domestic market prices at levels which give processors an incentive to repay the price support loans with interest, thus avoiding the accumulation of sugar in government hands in almost all cases.

BASES & OTHER GENERAL PROVISIONS

This portion of the bill includes provisions which effect several commodity programs inlcuding those for grains, cotton, and rice. The provisions include:

– A revised and permanent system for setting acreage bases and "program yield" production estimates for use in connection with supply control programs on grains, upland cotton and rice. In general, the bill sets a farm's acreage base for program crops at the average acreage of those crops produced during the preceding five years. For 1986, county Agricultural Stabilization and Conservation committees would have authority to construct bases for farms where planting records for previous years were incomplete. Bases would be set in two ways–first for the entire farm, and second for each individual affected crop produced on the farm. In setting individual crop bases, a five-year history would be used immediately for wheat and feed grain but a shorter history period would be used initially for cotton and rice The total of all grian, cotton and rice bases on a single farm could not exceed the total cropland on the farm except where the producer normally follows a "double-cropping" system. Farmers would be given flexibility in planning year-to-year operational changes by a provision allowing them to increase any individual crop base by up to 20 percent of the total farm base in 1986 and by up to 10 percent in any future year (although the net result of such shifts could not be an increase in the overall farm cropland base). In setting each farm's total base, historic soybean acreage would be considered part of the total. No specific crop base would be set to limit soybean planting, but farmers could switch between soybeans and "program" crops in using the annual flexibility feature of the bill. For determining the per-acre crop yields which also figure in calculating farm program benefits, the bill would use a system generally similar to the acreage base plan–basing determinations on a five-year actual yield average (discarding the highest and lowest years in the period). Provisions would be made for cases in which data was not available, and 1986 yields could not be below the 1985 level.

– Repeal of several old provisions of law which include requirements for wheat and cotton marketing quota referendums under outdated program terms.

TRADE & OTHER ACTIONS

Trade provisions tentatively adopted (although the trade section of the bill was not com-

(Turn to Page E42)

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Patz

Care advised in using medications on animals

By Lawrence Hutchinson and Sharon Harmon

UNIVERSITY PARK – Drugs that are used for animals are labeled two different ways. A label that reads "For veterinary use only" identifies a non-prescription drug The label warning means that the drug is to be used only in animals, not in humans. Specific properties of the drug determine this label.

A label that states "Federal law restricts this drug to sale by or on the order of a licensed veterinarian" identifies a prescription drug. They are used or dispensed by a licensed veterinarian for a specific use. Prescription labels are applied to ensure proper use, to identify potential hazards to the animal or to the person administering the drug, and to acknowledge a potential for chemical residues in the meat or milk of food-producing animals.

In many cases, it's not practical for a veterinarian to actually administer a prescription drug. If that's the case, a veterinarian will prescribe or dispense the medication together with information on its proper use. People caring for treated animals should observe instructions to prevent undesirable results. It's important to maintain a channel of communication for doctors and clients to ensure proper use of drugs.

The Food and Drug Administration, in cooperation with producer and professional groups, has defined the veterinarian-client- patient relationship as existing when:

- The veterinarian has assumed the responsibility for making medical judgements regarding the health of the animal and the need for medical treatment, and when the client (owner or other caretaker) has agreed to follow the instructions of the veterinarian.
- There is sufficient knowledge of the animal by the veterinarian to initiate at least a general or preliminary diagnosis of the animal's medical condition. This means that the veterinarian has recently seen and is personally acquainted with the keeping and care of the animal by virtue of an examination or by medically appropriate and timely visits to the premises where the animal is kept.
- The practicing veterinarian is readily available for follow-up in case of adverse reactions or failure of prescribed therapy.

With increasing frequency, prescription drugs are being used without adequate doctor-client communication They are being purchased through mail orders and door-to-door sales without the safeguards of a veterinarian's instruction. This has a high potential for disaster to the animal and livestock owner.

Non-prescription drugs – those labeled "For veterinary use only" make up the larger category of animal drugs. They may be sold legally to the producer by any drug distributor. Two precautions for non-prescription drugs are worth emphasizing: Follow label directions carefully to ensure safety, effectiveness and freedom from drug residues, and consult with your veterinarian to determine which drugs should be used under specific conditions in order to obtain desired results. Proper diagnosis and management advice are certainly part of this consultation process.

Animal producers and veterinarians have frequently used drugs in an extra-label manner. "Extra-label" means using a drug in a way not specifically designated on the label – on a different species or class of animal, at a different dose rate, by a different route of administration, or for a different purpose than the one indicated on the label.

Both producers and veterinarians may be subject to prosecution for such extra-label use, particularly when it results in violative residues in edible products of treated animals. The FDA has agreed tot he following, limited approval of extra-label drug use when prescribed by a veterinarian:

"We do not intend to interfere with responsible veterinary practice where individual animal diagnosis and treatment dictates drug therapy for a condition to maintain adequate animal identity, and an exaggerated time period is followed before meat, milk, or eggs are marketed for food. The Agency acknowledges, therefore, that occasional extra-label use is necessary in the course of veterinary practice."

The labels on each medication indicate who is authorized to use it, the species it should be used on, and how it should be given. It is in the best interest of the producer and consumer to follow these label directions

Farm program

(Continued from Page E41)

pleted this week) included an amendment providing that a pending payment-in-kind bonus export promotion program should be applied on a mandatory basis to cases where the purpose of the bonus is to counter a foreign export subsidy. It also agred to extend authority for an Export Credit Revolving Fund and to broaden the revolving fund program (a) - allowing loans up to 10 years instead of the current limit of three; (b) - allowing loans to be used to meet credit competition; (c) - providing financing for the Fund by directing that it would be fed by repayments of direct CCC export credit loans; and (d) - deleting a requirement for annual approval of loan limits in appropriation Acts. Also tentatively approved were amendments stating a comprehensive national agricultural trade policy and providing that in case of future export embargoes the government would have to permit delivery on existing contracts. Other trade-related provisions include one stating the sense of Congress that the President should seek arrangements under which dairy product and white wheat markets in China could be expanded through use of the Food for Peace program; another calling for a study of the impact of apricot imports; and one directing the President to consider benefits which would reult from including processed milk and plant protein products, fruit, nut and vegetable products in a program to distibute processed food in developing nations.

The legislation also includes new, increased minimum amounts of grains, oilseeds and dairy products to be donated abroad, coupled with additional safeguards to give normal marketing and export payment-in-kind programs priority in use of surplus government stocks. A further provision authorizes the use of surpluses to promote long-term agricultural development abroad.

On other actions, the Committee tentatively adopted an amendment under which farmers who enroll a part of their cropland in the proposed new Conservation Reserve contract would be subject to a proportional reduction in crop acreage bases during the life of the contract. The bill also now includes a provision under which land leased by the Defense Department to farmers for production of agricultural commodities could not be eligible to participate in any Agriculture Department program

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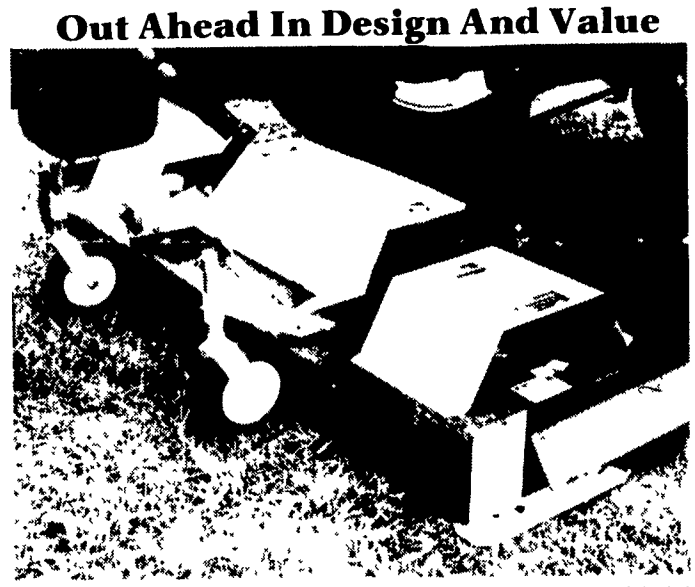

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Upjohn begins building $7 million research facility

KALAMAZOO, MI — Upjohn researchers have announced that construction has begun on a research building that will expand the company's capabilities into new areas in large animal research for veterinary pharmaceuticals and other animal health products.

According to Dr. John R. Welser, vice president and director, agricultural research, the $7 million structure will house animal research facilities that will enable researchers to conduct detailed investigations into a wide variety of new areas in large animal metabolism and diseases

"Primarily, researchers in the new facility will be involved in studying animal performance, rate of gain, feed efficiency, and so on," he said.

"Studies will be made of physiological responses to a variety of pharmaceuticals, including hormones, therapeutic agents, antibiotics and proteins which may be involved in the disease process or animal performance," Dr. Welser added.

He said that biotech research techniques would be used in the modern facility as part of a total science complex to examine entirely new conceptual approaches which may lead to discovery and development of new product technology.

The physiology research building, located on the Upjohn Experimental Research Farm near Kalamazoo, is expected to be completed by mid-1986

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New Gehl 1260 and 1060 forage harvesters with exclusive Auto-Max system

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Gehl forage harvesters have been at the leading edge of engineering design for years With innovations that speed material flow and reduce downtime for top capacity harvesting Now with Gehl's exclusive Auto Max system the new 1260 and 1060 forage harvesters are truly state of the art

The Auto-Max system features automatic load sensors—one on the upper feedroll and one on the attachment drive—that eliminate the need for shear pins and let you manage overloads without leaving your tractor By operating automatic electric controls you can smooth out an overload and start it feeding again in just seconds Without fear of prolonged downtime due to overloading you can operate your harvester and tractor at near their top capacity Results 15 to 20 percent more capacity valuable time saved!

Just as the load sensing system protects the harvester from overloads a new speed monitoring system protects the unit from plugging the blower and deflector because of drops in tractor rpm

The Auto Max system is standard on the 1260 optional on the 1060 Both machines can be equipped with a **Metal-Stop metal detector** to protect against ferrous metal entering the harvester And a 30 gallon water tank can be added to prevent the problem of haylage gumming

Standard features on the 1260 and 1060 are impressive For example Gehl's exclusive patented spinner delivery system keeps material on the move all the time No dead spots No cross augers Just continuous flow of material from the cylinder into the offset blower

An overrunning clutch on the drive line eliminates the stopping load on the tractor pto brake and allows the harvester to free wheel when power is cut A simple in head hydraulic knife sharpener allows the cylinder knives to be sharpened quickly right in the field using tractor hydraulics The cutterbar can be pulled out and finely refaced using the same system And a patented single station cutterbar adjustment system allows you to reset the cutterbar from just one point on the harvester

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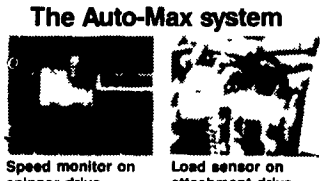

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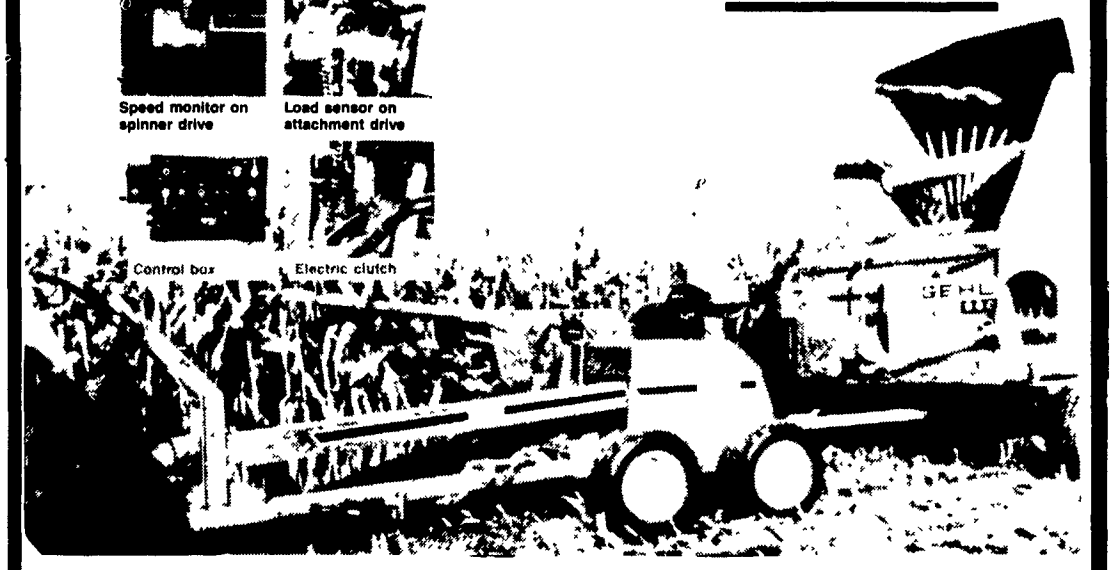

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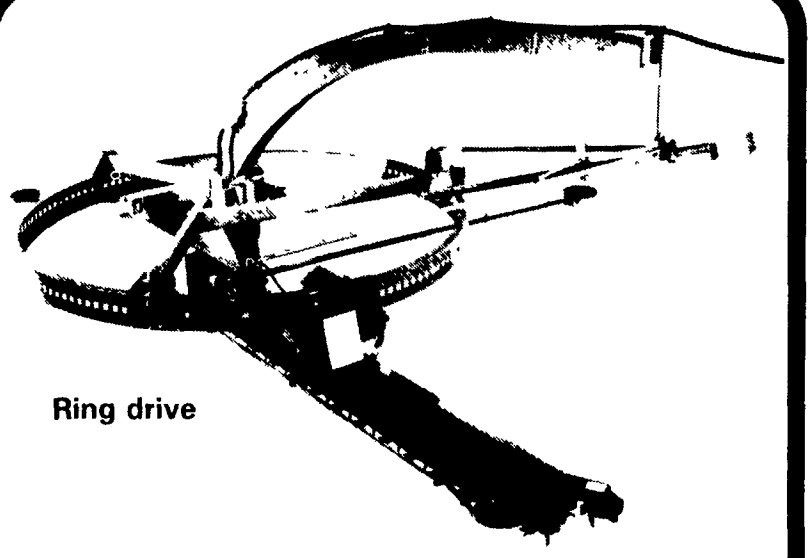

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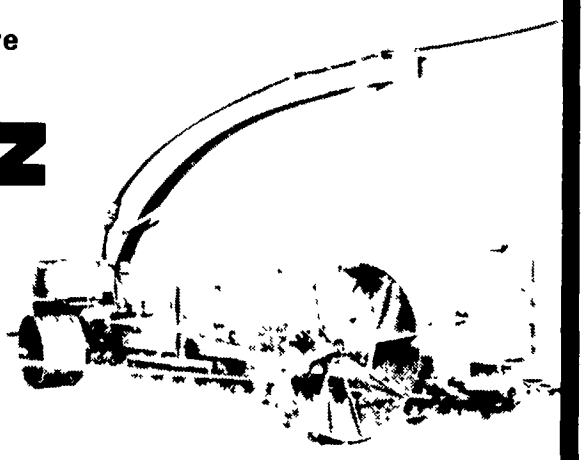

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SCS's Timmons wants Kent County to be a bit better than he found it

COLLEGE PARK, MD. – Ralph A. Timmons, Jr. has received the U.S. Department of Agriculture's second highest honor, the superior service award.

Timmons, district conservationist for the USDA's Soil Conservation Service (SCS) in Kent County, Md., was one of 85 individuals and 14 groups to be honored by the Agriculture Department at its 39th annual honor awards program.

The 18-year agency veteran is a "super salesman" when it comes to selling farmers on practicing soil and water conservation, says Pearlie S. Reed, SCS state conservationist.

"He's done more to promote the role of conservation in cleaning up the Chesapeake Bay than any other single person," Reed says. "He's also recognized as the one who helped sell farmers on the state's highly successful cost sharing program for agricultural water quality practices."

Alternately described as a firebrand and evangelist, Timmons admits that he "lives and breathes conservation."

"I would like to have my own farm so much that it really hurts me to see land that is abused or neglected," Timmons says.

Most farmers don't consciously want their land to erode, says Timmons. They just may not recognize that they have a problem or may not know how to solve it if they do. That's where Timmons, a professional soil conservationist, comes in.

He and the other conservationists in his office provide technical help to farmers in designing, laying out and constructing conservation practices such as grass waterways, diversions, and terraces.

The trick is offering help to someone who hasn't asked for it. "You have to be careful not to offend people," Timmons says. "You can't tell them everything they've been doing for the past 20 years is wrong. But you do have to sell conservation–once you've got your foot in the door."

For example, some erosion is hard to see. Thin layers of soil washing off large fields may go unnoticed. But many of the farms in Kent County border creeks and rivers. "You may not be able to see erosion in the fields, but when you see the water turning muddy, you know there's a problem," Timmons explains.

Another technique Timmons uses to get his foot in the door is to appeal to the landowner's interest in wildlife. "Many of the people in the county are interested in building ponds because they like to hunt waterfowl," he explains. "When they see that pond silting up, it's easy to convince them that they need to control erosion on the surrounding cropland."

Keeping soil, and the nutrients attached to it, out of streams has been identified as one of the keys to cleaning up the Chesapeake Bay. In 1983, the State instituted a new cost share program to encourage farmers to use best management practices to reduce sediment and nutrient runoff. Sharon Fenton, program administrator, is among those who credits Timmons and his staff for ensuring the program's success.

Initially, some farmers across the state were reluctant to sign up for the program because it required a lien on their property for the life of the practice. Timmons and his staff pointed out to farmers that the lien was a safeguard for them as well as other taxpayers.

Three weeks after the program officially started, Kent County had 75 applications while the rest of the state had none. Today, they account for about one-fifth of the applications received statewide. "He showed the rest of the state that the program would work," says Fenton.

Timmons, who lives in Kennedyville with his wife Judy and their three children, is as active on the job as off. He squeezes hunting and surfing in between his many community activities including the Kent County Ruritan, Kennedyville Methodist Men's League, Little League, and Soil Conservation Society of America.

He acquired his love for the land from his parents, Ralph A. and Mildred, while growing up on the family farm in Dagsboro in Sussex County, Del. He attended the University of Delaware where he received a bachelors of science degree in agriculture in 1967. He started working for SCS that year in Dover, Del. He was promoted to St. Mary's County, Md., in 1971 and was appointed as district conservationist in Kent County in 1973.

While not always serious, Timmons is sincere about saving the land. "Every farm I go on, I think about what I would do if it were my land," he says. "We're only on this earth a short while. I think most people want to leave it a little better than they found it."

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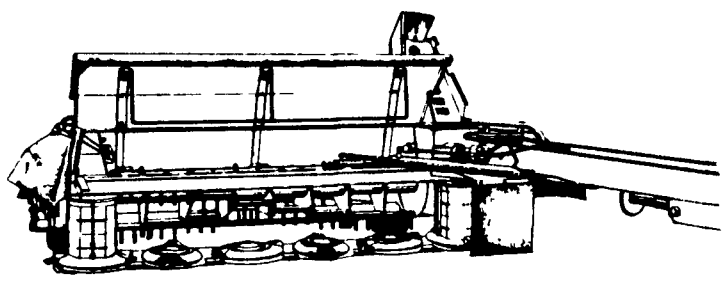

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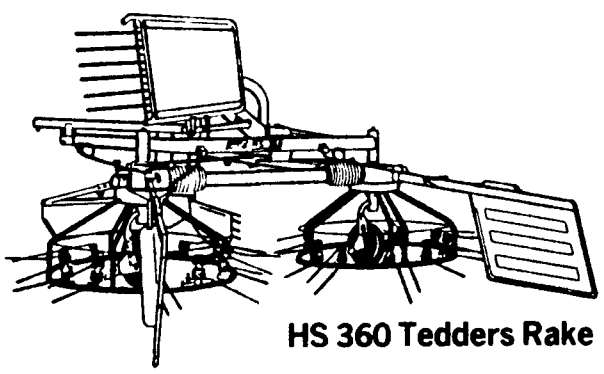

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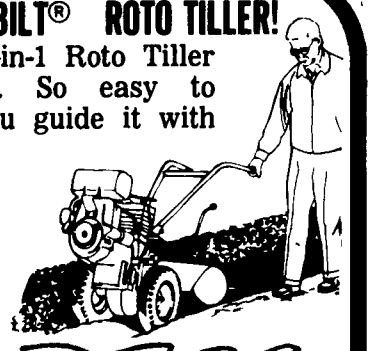

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Owner	Brd.	No. Cows	Days In Milk	Lbs. Milk	Lbs Fat
Richard R Higley	3	89 3	84 1	17,855	737
Dennis-Vickie Boyd	3	32 3	86 4	20,288	732
Bobwood-Acres	3	46 9	87 7	19,478	693
Raymond Norconk	3	40 4	87 0	18,413	682
Lambert Farms	3	125 8	89 1	17,739	672
Ronald Hembury	3	93 0	86 4	16 726	670
William B Hart	3	73 5	88 9	17,539	668
D and D Hottenstein	3	55 8	85 6	17,997	661

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Owner Name or No	Brd	Age	Days In Milk	Lbs Milk	% Fat	Lbs Fat
Richard R Higley						
Bonita	3	4 4	305	19,566	4 8	943
B Eve	3	6-9	305	20,696	4 0	819
Keturah	3	4 3	304	21 571	3 8	516
Karrie	3	3 4	305	21 968	3 4	755
Bobwood Acres						
Crystal	3	4-8	305	21 845	4 1	906
D and D Hottenstein						
Hester	3	3 0	305	20,484	4 1	833
Alita	3	6 2	305	22,954	3 6	829
Ronald Hembury						
Pansy	3	5 6	292	21,538	3 8	819
Barbara	3	7 10	304	16,935	4 8	812
Hilda	3	5 6	305	20 982	3 7	769
Catapul	3	5 1	305	20 507	3 7	767
Lambert Farms						
Karry	3	6 10	305	17 499	4 6	808
Ilene	3	3 7	305	18 342	4 2	770
Gail	3	6 10	305	22 560	3 4	757
William B Hart						
22G	3	5 4	305	19 593	3 9	765
Randy Heess						
28	3	5 1	305	19 364	3 9	758

McKEAN COUNTY DHIA
May, 1985
Rolling Herd Average (Over 650 Lbs Milk Fat)

John H Lapp	57	18 732	702
Charles Irons	80	16 797	691
Orton Kinney	26	18 401	688

McKean County Lactation Report--(Over 750 Lbs)

Charles Irons					
Vemay	8 8	305	20 923	954	5
Pcinder	4 4	305	18 631	768	3
John Lapp					
Gem	4 2	305	22 641	832	3

CLINTON COUNTY DHIA
June, 1985

LOCK HAVEN—Paul L Courter Mill Hall led the Clinton County Dairy Herd Improvement Association for June

The top herd in the Clinton County DHIA for June is owned by Paul L Courter, Mill Hall, while the cow completing the highest lactation was owned by Paul L Courter, Mill Hall

The top herd of Registered Holsteins completed the month with a rolling herd average of 18 082 pounds of milk per cow yielding 698 pounds of butterfat

Other top herds were

Tom & Grace Nicholas Loganton 16 934 pounds of milk 672 pounds of butterfat

Richard L Schenck Mill Hall 17 601 pounds of milk 670 pounds of butterfat

The cow completing the highest lactation of 305 days or less was Lilly a 4 year old Registered Holstein owned by Paul L Courter Mill Hall Lilly produced 18 983 pounds of milk testing at 4 2 percent yielding 801 pounds of butterfat in 305 days

Other top producing cows were:

#116 owned by Ronald H Meyer, Loganton 19,901 pounds of milk 4 0 percent 793 pounds of butterfat

#147 owned by Ken Yearick Mill Hall 19 037 pounds of milk 4 0 percent, 770 pounds of butterfat

Paula owned by Paul L Courter, Mill Hall 18 861 pounds of milk, 4 0 percent, 758 pounds of butterfat

Karo owned by Richard L Schenck, Mill Hall 21 402 pounds of milk 3 5 percent 757 pounds of butterfat

Conservation tillage taking root in America

LEESPORT — "American farmers are rapidly changing the way they till their soil," says John Fior, Soil Conservationist of the USDA Soil Conservation Service. In the past 10 years a dramatic shift has occurred from widespread use of the moldboard plow, where the soil is completely turned over each year, to greater use of conservation tillage practices that disturb the soil less and leave more crop residues on the surface.

Conservation tillage includes both minimum tillage and no-till systems These practices contrast sharply to conventional tillage operations In conventional tillage 100 percent of the topsoil is mixed or inverted by plowing and multiple diskings The soil surface is very susceptible to erosion

In minimum tillage only part of the soil surface is prepared and the soil is not inverted. In no-till farming only the seed area is prepared. The soil surface is much less susceptible to erosion.

"Several factors have encouraged farmers to adopt conservation [illegible] practices," says Fior. One of the most important factors has been economic pressures, especially high fuel and labor costs. More double cropping is also being practiced, which requires less field preparation for seeding the second crop. In addition, government programs have encouraged farming practices that reduce soil erosion and improve water quality.

"National use of conservation tillage, especially minimum tillage, has increased dramatically in the past decade," says Fior. From 1973 to 1981 U S cropland in minimum tillage increased from 39 1 million acres to 88 million acres, a gain of 125 percent In the same period no-till farming increased from 4 9 million acres to 8.7 million acres, a gain of 78 percent

In contrast, total acreage in conventional tillage increased only one percent during the same period. To put it another way, in 1973 only 18 percent of all U.S. cropland was in conservation tillage. By 1981 32 percent of all U.S. cropland was in conservation tillage.

In the Northeast 3.8 million acres or 44 percent of all cropland was in conservation tillage in 1981 Minimum tillage accounted for 2 million acres (23%) and no-till accounted for 1.8 million acres (21%). No-till farming in the Northeast has increased almost twice as fast as the national average (147% versus 78%)

"Conservation tillage is adaptable to a wide range of crops and soils," says Fior. Factors influencing the future growth of conservation tillage include the development of planting technology to make conservation tillage more adaptable to site conditions, the development of higher yielding, better adapted crop varieties, future agricultural economics, educational emphasis, and the changes in farm culture The American farmer is the product of a plow-based farm society. The virtues of tilling the soil have been well ingrained, but significant progress has been made in changing the farmer's basic tillage philosophy.

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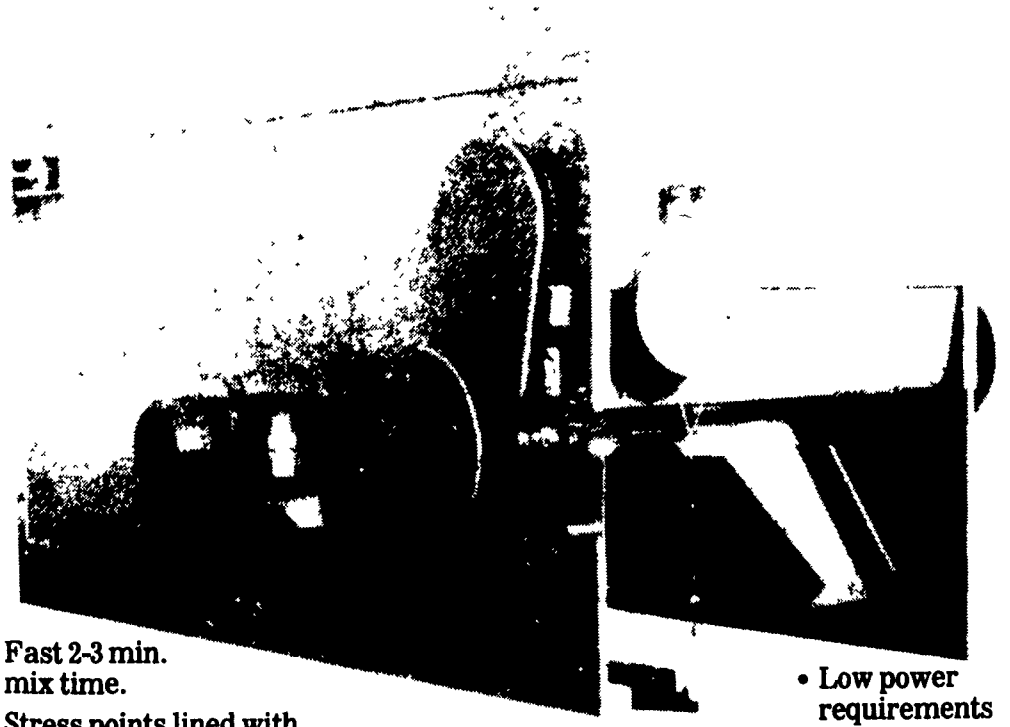

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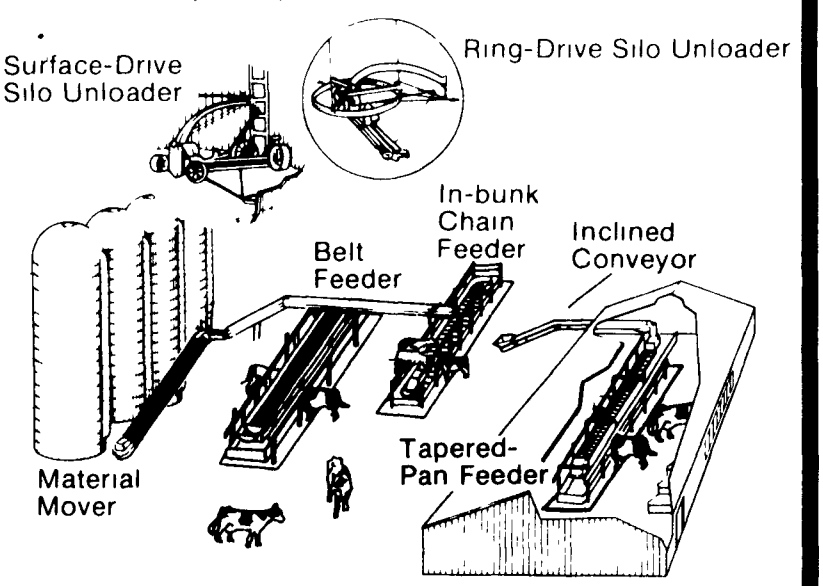

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Scientists shock plants into accepting 'naked' DNA

ITHACA, NY – With a brief, high-voltage electric shock, genetic engineers at Boyce Thompson Institute are transferring foreign DNA into plant cells and regenerating altered plants. This marks the first time the technique of electroporation has succeeded in plants.

The procedure, called electro-transformation by the BTI experimenters, is expected to allow the introduction of genetic information for improvement of the nutritional value and the synthesis of pharmaceuticals and other useful compounds in plants.

"Plant cells are totipotent; that is, an isolated, single cell can regenerate into a plant with normal roots, shoots, and leaves," explains Aladar A. Szalay, associate biochemist and director of the BTI plant genetics laboratory, where electro-transformation studies are in progress. "The introduction of foreign genetic material in the form of 'naked' or free DNA is the fundamental requirement for genetic engineering of plants."

Success of the technique, which was first used to create hormone-independent growth of gall tissue in wild carrot, was reported by William H.R. Langridge, BTI research associate, at a recent meeting of molecular biologists in Keystone, Colorado, and by Szalay at an international biotechnology symposium at Cornell University, June 23-27.

The experiments at Boyce Thompson Institute for Plant Research, an independent institution located on the campus of Cornell University, are funded by a grant from the National Science Foundation.

Electroporation refers to the opening, with high voltage electric pulses, of pores in the membranes of living cells. Electroporation DNA transfer experiments were begun at BTI in the fall of 1983 in parallel to similar experiments carried out with animal cells at Harvard Medical School.

There are three basic steps in the electro-transformation procedure, according to Langridge and Bao-Jian Li, professor of genetics at Chungshan University in the People's Republic of China, a visiting scientist in the BTI laboratory:

- foreign marker genes are constructed by recombinant DNA technology;
- the donor DNA containing the foreign genetic material with desired properties, is produced in E. coli and purified in large quantities; and
- the DNA is mixed with recipient plant cells and the mixture is subjected to a series of high voltage electrical pulses.

For their initial experiments, the BTI biologists used a foreign marker gene that would signal its presence by allowing the cultured plant cells to grow without added hormones. To obtain natrual genetic expression, they chose the Ti-plasmid DNA from ***Agrobacterium tumefaciens***, which grows in soil and causes galls in some plants.

The recipient plant cells used for the uptake of the donor DNA were obtained from ***Daucus carota*** (wild carrot). To overcome the cell wall barrier for DNA uptake, enzymes were used to remove the wall, exposing the cell membrane.

High-voltage electric pulses, a few microseconds in duration, opened pores in the carrot cell membrane, permitting introduction of the foreign DNA. Important to the process, according to the experimenters, is prevention of overheating of the plant cells by the high-voltage pulses.

After introduction of other marker genes, the carrot protoplasts were regenerated into plantlets capable of growing into mature plants. The observation of regenerability after electroporation is positive evidence of maintained viability of the plant cells, the BTI biologists stated. After 45 days, DNA-transformed embryos, known as teratomas, appeared.

"The foreign DNA was shown, by a physical method call DNA hybridization, to integrate into the plant chromosome," Langridge said. "Further, genes contained in the foreign DNA were expressed in the regenerated carrot embryos."

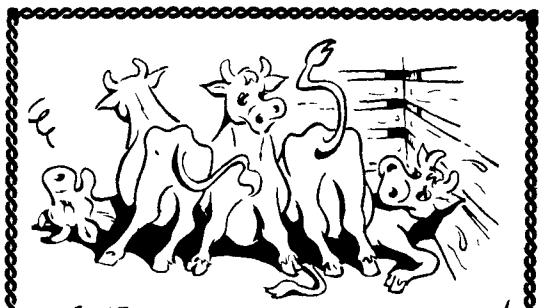
"Up to this time and in contrast to mammalian cells, naked DNA molecules were not successfully introduced into plant cells," Szaley said. "Electroporation seems to be a promising method for overcoming the limitations of introducing DNA into plant cells."

"The percentage of cells that take up DNA by electroporation is higher than obtained by previous methods," Langridge said. "We can now transform as many as 2 percent of the electroporated plant cells, and we are steadily improving the conditions for DNA uptake. We think the optimal conditions have not as yet been established; preliminary evidence indicates that 60 percent of the electroporated cells can be transformed."

The high level of transformation offers what the BTI researchers are calling an "exceptionally useful" tool for plant genetics. They look ahead to the application of electro-transformation to important crop plants, such as the introduction of genes carrying information for improving the nutritional value of plant proteins, and for the production of pharmaceuticals such as insulin, interferon, or peptide hormones.

In addition, the electro-transformation technique can be used by geneticists for studying the fate of engineered DNA molecules in plants, the BTI scientists believe.

"Just as the efficiency of transformation technology in bacteria and yeast has led to a tremendous explosion in knowledge of the genetics of these organisms," Szalay said, "our hope is that electroporation will lead to increased knowledge of gene expression in plants and plant organelles."



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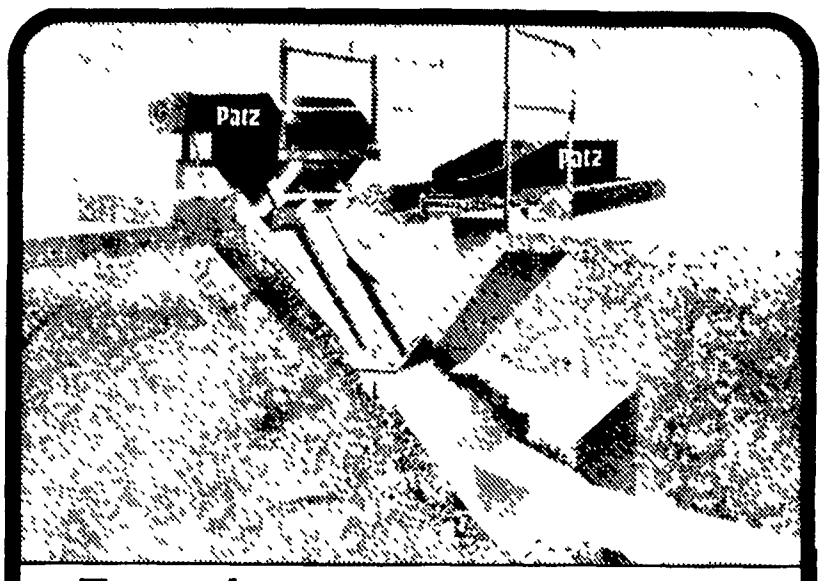

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Chinese use plastics to increase ag yields

COLLEGE PARK, MD. – Apparently Mr. Robinson had the right idea when he took Benjamin aside in the movie "The Graduate" and told him conspiratorially that the future boiled down to one word: Plastics.

At least that is the case in the People's Republic of China, according to the University of Maryland's Dr. Franklin D. Schales, an associate professor of horticulture.

"In the last five years, the Chinese have adopted plastics to produce food and fiber crops at a phenomenal rate," says Schales, 'and that rate is expected to continue during the next five years."

The Chinese are not planting plastics and feeding them to their some 1 billion people.

Rather, they are adopting a technology that has been used in this country for some time

Plastics, primarily in the form of sheets and polyethylene film, are used to produce greenhouses and row tunnels, and to provide a protective mulch for some crops. Row tunnels constructed from the plastics help to protect tender crops from wind damage and low temperatures, Schales explains. They also make it possible to extend the growing season for some crops. Clear plastic sheets, used as a mulch covering, increase soil temperature to allow farmers to plant earlier than they normally would during the growing season. They also improve plant growth and help to increase yields, according to Schales.

Using plastics also improves on-farm efficiency because it cuts down on labor and water needed to sustain some crops.

The increased use of plastics in China is indeed phenomenal, says Schales.

In 1981, the Chinese planted nearly 15,000 hectares with plastics. In 1984, the number of hectares cultivated under plastics grew to approximately 1.25 million hectares–primarily for cotton and rice. A hectare is approximately 2.5 acres.

Says Schales, the Chinese have enjoyed a number of successes in agriculture since adopting the use of plastics on a wide scale.

These include higher yields, one of the Chinese main objectives in a society where, as recently as 35 years ago, citizens lived in a semi-colonial, semi-fuedal environment.

"One of China's problems for some 4,000 years has been its inability to produce enough food to feed its entire population," says Schales.

Not only are plastics helping the Chinese harvest more–in some cases two or three harvests of rice per growing season–they are helping them harvest earlier in the growing season. That means they can plant and harvest rice in the northern regions prior to frost, according to Schales.

Plastics are helping Chinese farmers in other ways, he adds.

They prevent soil compaction and the loss of nutrients from the soil; reduce crop injury; increase soil temperature around crops and retain soil moisture; and, they make it possible to grow some crops on soils that normally would be alkaline.

Between 1975 and the year 2000, the Chinese hope to increase their agricultural productivity by 400%.

"In the last 10 years, plastics have played a role in meeting that objective," says Schales "The Chinese expect that they will continue to play a major role "

CCC asked to extend loans for soybeans, feed grains

PARK RIDGE, IL - The American Farm Bureau Federation has asked Agriculture Secretary John Block to extend the loan period on existing Commodity Credit Corporation loans on soybeans and feed grains Farm Bureau requested the action to prevent any further price erosion in the market and as a means to aid financially pressed farmers.

The outstanding loans cover 190 million bushels of soybeans and 800 million bushels of corn and grain sorghum with a combined value of over $3.5 billion. The current loans will mature in the next 30 to 60 days. Farmers with maturing CCC loans are faced with a choice of forfeiting the commodities · or redeeming them at the face value of the loan.

In a message to Block, AFBF President Robert Delano said the loans will mature just as the new crop harvest enters the market. "With cash farm prices depressed below the loan rate in many areas, many farmers will either be forfeiting their grain or redeeming it at a cost which they cannot recover on the present market," said Delano "Such pressure on farmers will only add to the already tight credit problems many of them are facing."

Delano contended the extension can aid the government as well. "Forfeiture of the grain to the CCC will compound the government's problems associated with storing, handling and disposing of the stored grain it owns."

The farm leader requested the loan period be extended for nine months. "This will reduce some of the pressure on cash prices during the next few months, perhaps sufficient to encourage many producers to terminate their loans. In addition, it will help many producers avoid having to seek other sources of credit to carry them through the rest of this crop year," Delano said.

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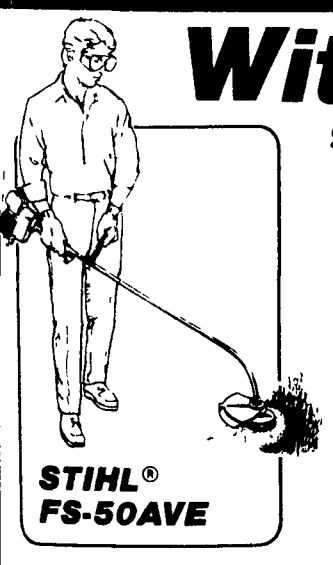

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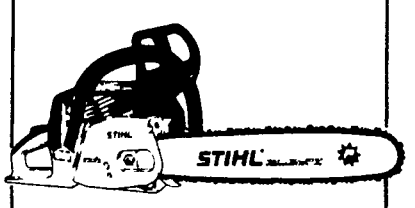

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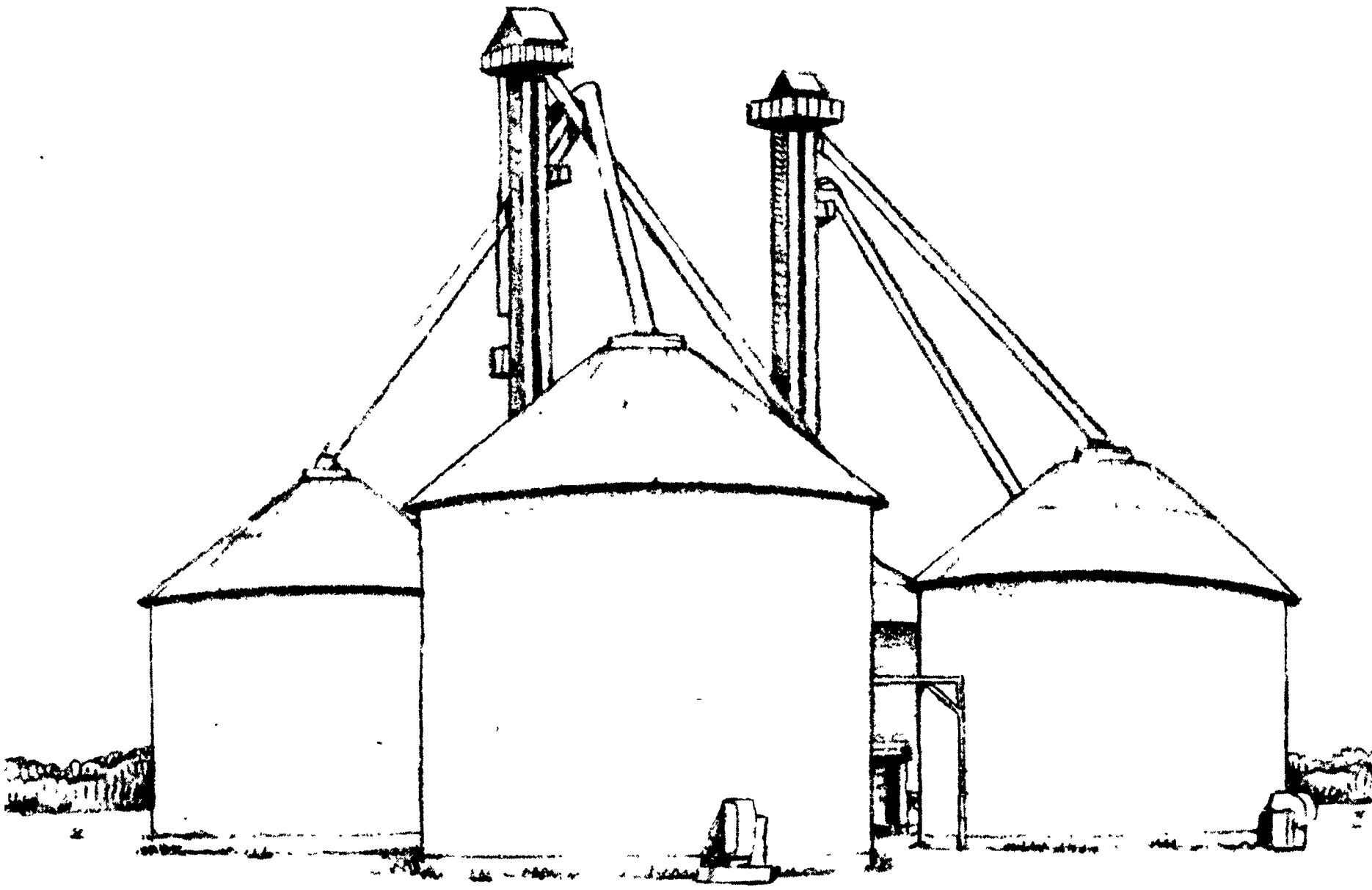

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Conducted At The University of Wisconsin

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Conc. DM Intake (Lb./day)	27.45	26.78	NS
Total DM Intake (Lb. day)	54.31	56.77	*
DM/Lb. Milk	0.65	0.69	**

N.S. - non significant, *<5%, **<1%
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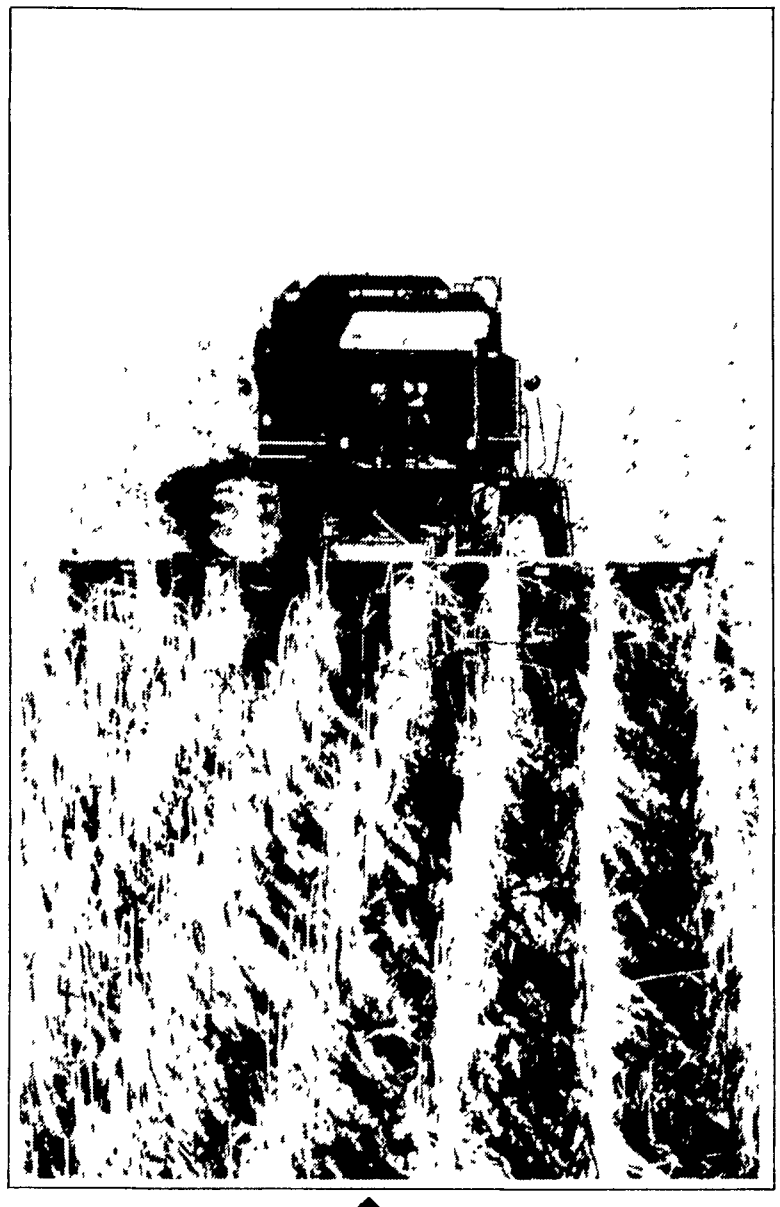

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Eggs on ice:

Tom Honadel searches for a better way to freeze cattle embryos

BY JACK HUBLEY

STATE COLLEGE — August is a great month to imagine life without a refrigerator. Without cold storage, summer heat would reduce the shelf life of all those delectable fresh fruits and vegetables, and meats of all kinds could become downright toxic in a matter of hours.

Without the ability to retard bacterial action through freezing, we'd once again be relegated to salting, canning or otherwise mummifying our groceries. Eating undoubtedly is a whole lot more fun than it used to be.

And, with the advent of embryo freezing technology, so is the embryo transplant business.

But even though freezing has added to the success and profitability of the ET business since the mid-1970's, there's still plenty of room for improvement, according to Tom Honadel, a graduate researcher at Penn State's Dairy Breeding Research Center. The present techniques are not only tedious and time consuming, but the success rate in not what it should be. "Right now only about 30 to 40 percent of all embryos frozen will produce a calf," Honadel estimates. "We've got quite a way to improve."

The procedure goes something like this. After the embryo is collected, glycerol is added as a cryoprotectant to protect the embryo during the freezing process. This is a time-consuming process because the glycerol must be added in steps, since adding all of it at once may rupture the embryo, says Honadel. Normally the glycerol is added in three steps by immersing the embryo in successively stronger concentrations of the cryoprotectant, says Honadel.

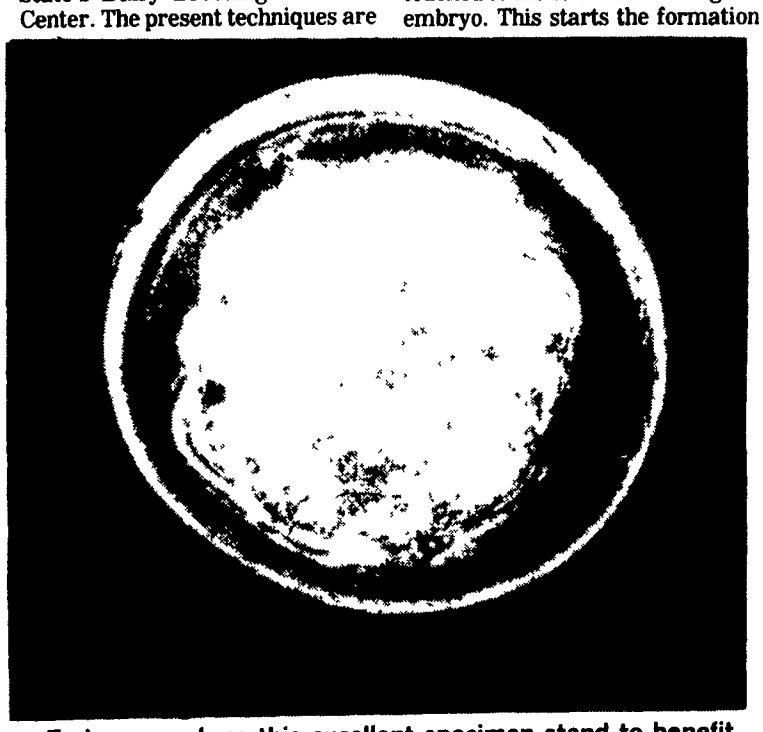
When the embryo is ready to be frozen, the temperature is dropped to -7° Centigrade at the rate of 1°C per minute. At -7°, a forceps that has been kept in liquid nitrogen is touched to the straw containing the embryo. This starts the formation of ice crystals..

The temperature is then dropped to the -37°C. range at the rate of .1 to .3° per minute. At this point, the embryo can be plunged into liquid N at -196° C and stored until needed.

Thawing the embryo begins with a 30-second exposure to a temperature of 35°C, and diluting the cryoprotectant in six steps. With each step requiring 10 minutes, the entire procedure takes an hour. "We don't really know if these steps are all necessary," says Honadel, "but they've been used to reduce stress on the embryo."

Honadel feels that a compound called trehalose, when used in conjunction with glycerol, may streamline the freezing procedure, as well as increase its success rate. As yet untested on bovine embryos, trehalose is a dissacharide sugar found naturally in bakers yeast, as well as in other spores that remain dormant for many years, says Honadel.

One of the problems inherent to the freezing process lies with the formation of crystals that tend to cut the embryo. And though glycerol does help to remove water from the embryo, researchers suspect that the compound may not be withdrawing enough water to minimize the formation of these damaging crystals.



Embryos such as this excellent specimen stand to benefit from new freezing technology. At present, only about 30 to 40 percent of all embryos frozen will produce a calf, says researcher Honadel.

Graduate student Tom Honadel hopes to develop a better method of freezing embryos at Penn State's Dairy Breeding Research Center.

The use of trehalose, Honadel says, may result in drawing still more water out of the embryo. While glycerol penetrates the embryo, trehalose is an extracellular protectant, meaning that it remains outside the embryo, explains the researcher. The water molecules will attempt to restore a balance by moving from an area of higher concentration within the embryo, to the area of lower water concentration outside the embryo that is being occupied by the trehalose.

Though some researchers may claim that removing more water will increase the stress factor, Honadel maintains that benefits may be realized in the form of a reduction in internal damage caused by water crystals.

Honadel also believes that, once the optimum level of trehalose has been established, embryos might possibly be plunged directly into the liquid N, eliminating the need for interim steps. "This way we could freeze embryos right on the farm, rather than using a lab," Honadel notes.

Experiments utilizing trehalose on dairy and beef cow embryos are currently underway, notes the researcher. Crossbred embryos are being used throughout the experiment to eliminate the possibility of only some embryos benefitting from a hybrid vigor component. Embryos will be evaluated visually, and if one treatment level seems to work particularly well, further evaluation will be conducted by transferring these embryos to recipient cows.

And for those interested in learning more about the science of embryo freezing and ET procedures, Tom Honadel will be manning a booth at Ag Progress Days.

Real-Time is real dairy, livestock breakthrough

BY JACK HUBLEY

STATE COLLEGE — It's called a Real-Time Linear Array Ultrasound System. And it has nothing to do with the state-of-the-art stereo/cassette in your new car.

Adapted from equipment used in the medical field of obstetrics, the Real-Time unit can be used for examining any kind of soft animal tissue, says Penn State's Dr. Lester Griel of the Veterinary Science Department.

The department's interest in the machine centers around its use in pregnancy diagnosis. "A uterus full of fluid has a different impedance than one with nothing in it," says Dr. Griel, explaining that different tissue densities change the rate at which sound waves produced by the unit are bounced back.

"Even very early in fetal development, an embryonic vesicle is formed with fluid in it," notes Dr. Griel. "And, by scanning the uterus with a probe, you can detect this fluid. Some people have been doing this as early as 14 days after breeding."

What makes early pregnancy detection so important? Dr. Griel points out that slaughter checks reveal that many fetuses die in very early stages of development. The Real-Time enables researchers to diagnose the rate of embryonic loss in live animals during early pregnancy, and may reveal clues as to why the embryos are dying.

The new unit also incorporates a calipers, which permits veterinarians to measure the size of the embryonic vesicle. And since an embryo's chances of surviving can be evaluated based on its size at a given stage, the veterinarian can get a head start on bringing an animal back into heat if the embryo's survival is unlikely.

"From a research point of view, the limits of the machine are our imaginations in determining new ways to use it," concludes the veterinarian.

Extension meat specialist Dr. Bill Henning shares Dr. Griel's enthusiasm for the the Real-Time's potential Though ultrasonic evaluation of meat animals has been done for the past 25 years, the Real-Time clearly revolutionizes the field of compiling accurate carcass data.

With the Veterinary Science Department absorbing the $14,000 cost of the unit itself, the Department of Dairy and Animal Science, with help from the Pennsylvania Pork Producers Council, purchased the $4,500 transducer, or probe, needed for meat evaluation.

According to Dr. Henning, the Real-Time renders a much sharper image of meat and fat composition on its nine-inch monitor than the equipment previously in use. He explains that, unlike older probes that emitted only a single soundwave, the Real-Time sends out 60 integrated soundwaves, providing a much more complete picture of body composition.

With the Real-Time's ability to quickly and accurately evaluate carcass quality in the packing plant, producers can be paid based on the merit of their product, Dr. Henning points out. And the unit is an excellent tool for selecting breeding stock. "It's a much more objective measure of body composition than the eye," Henning notes.

"And the fact that it's so portable and so accurate really makes it a good educational tool," says the meat scientist. "I'm really excited about it. The Real-Time has applications that we haven't even tapped yet."

For those interested in seeing, first hand, what the Real-Time can accomplish, Dr. Henning will provide demonstrations in the theme tent during Ag Progress Days. Using lambs and pigs as his subjects, the Extension specialist will be scanning the live animals and computing the amount of lean meat on each carcass.

Canadian exhibitors to be at Ag Progress

PHILADELPHIA, Pa. — New and innovative equipment from Canadian farm machinery manufacturers will be on display at Ag Progress Days, Aug. 20-22.

The largest national participation at the show, apart from U.S. representation, will be from Canada–nine companies will be taking part in an exhibition sponsored by Canada's Department of External Affairs.

The Canadian display will feature combination rotary hoe, disc, roller and harrow; pneumatic conveyor; ventilation products; sprayers for all requirements; fifth wheel trailer; chaff spreader and chopper; rockpickers; granular herbicide applicators; and galvanized steel silos and ancillary equipment.

The Canadian farm machinery industry, composed of more than 200 companies, produces equipment that has been accepted worldwide. After-sales service, high performance standards, quick response to problems, reliability, and wide production scope have given the Canadian industry its excellent reputation.

Visitors to Ag Progress Days will be able to view the products of the following companies:

Airway Division, Holland Equipment Limited, Norwich, Ontario–Rotary hoe, disc, roller and harrow.

Elie Equipment Sales Ltd., Elie, Manitoba–Grain handling system.

Faromor Inc., Waterloo, Ontario–Ventilation products and hog penning.

Hardi Inc., London, Ontario–Sprayers.

Hassa Agra Industries Inc., Landmark, Manitoba–Tote.n.Stak fifth wheel trailer.

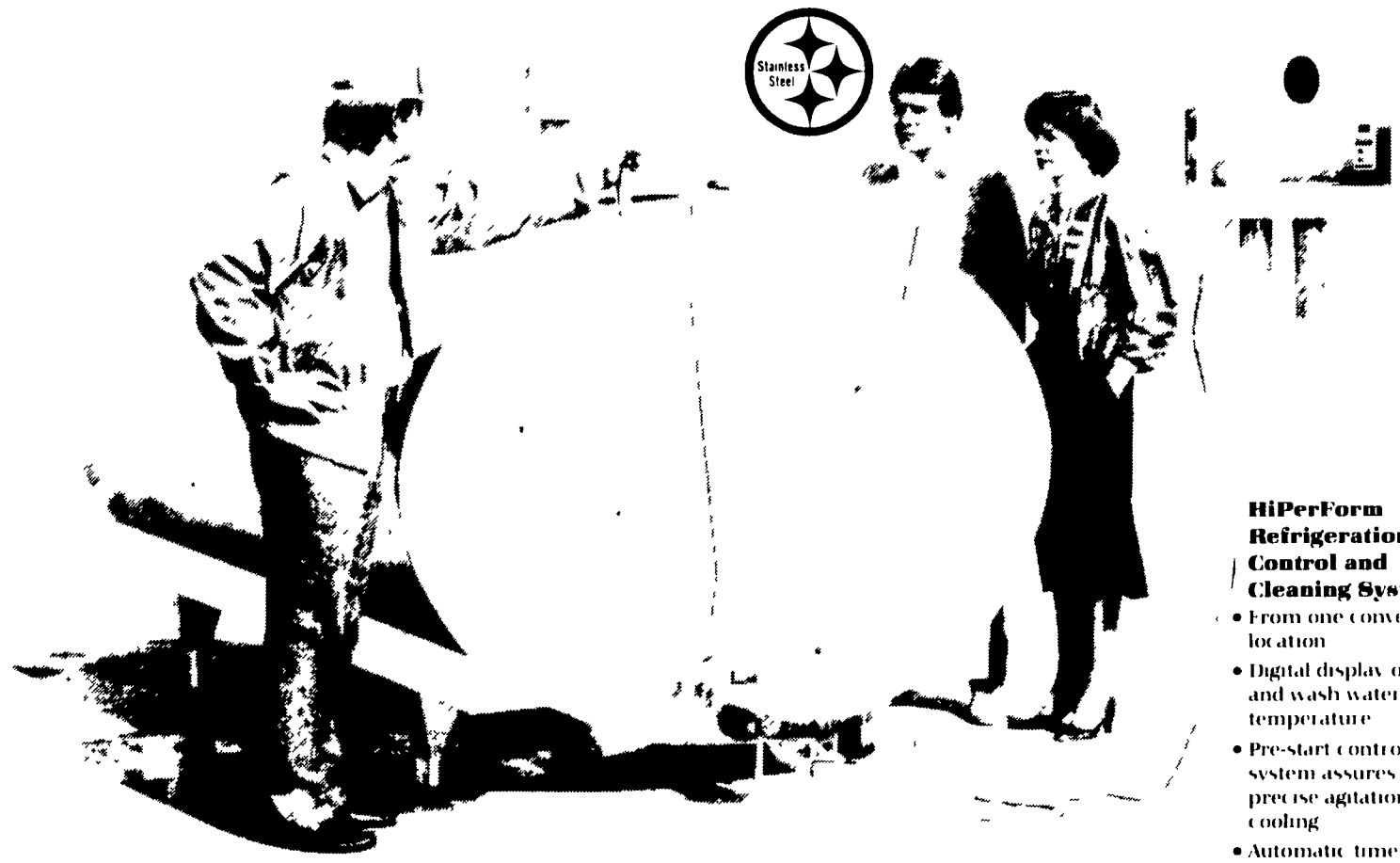
Keith Industries Inc., Winnipeg, Manitoba–Straw Storm and Chaff Storm.

Rock-O-Matic Industries, Vonda, Saskatchewan–Rockpickers.

Valmar Airflo Inc., Elie, Manitoba--Granular herbicide applicators.

Ventilateur Victoria Ltee, Victoriaville, Quebec–Galvanized steel silos and ancillary equipment.

take a closer look!



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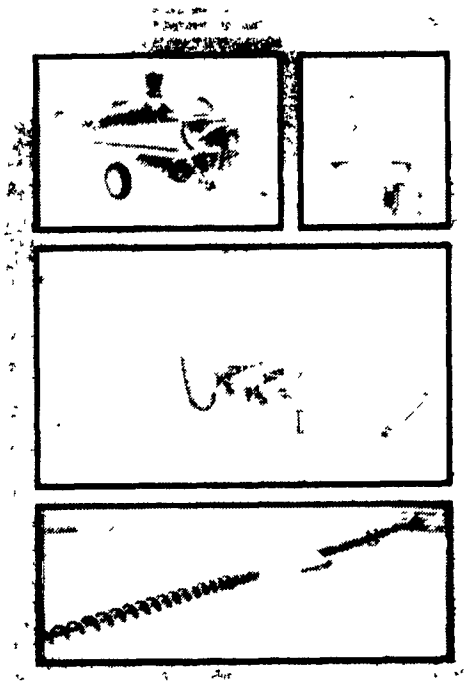

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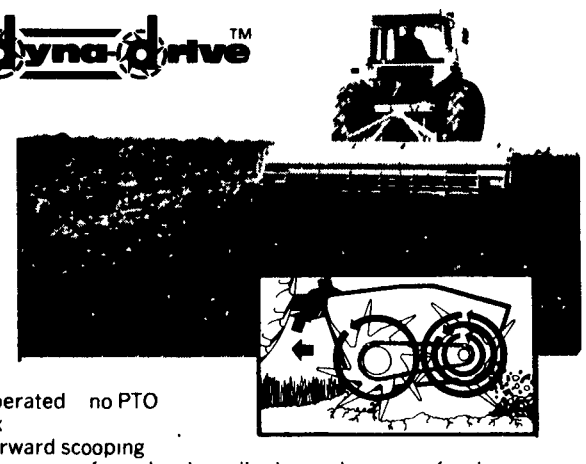

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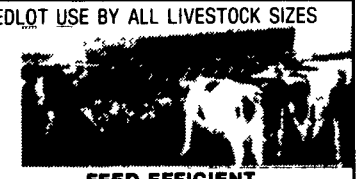

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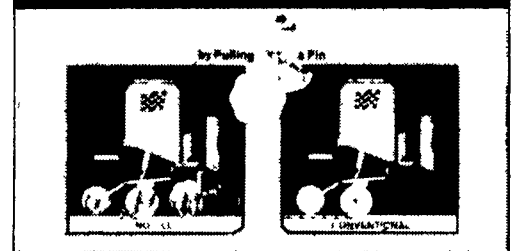

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Plan to see Centre County during Ag Progress trip

UNIVERSITY PARK — If you're planning a trip to Penn State's Ag Progress days at University Park Aug. 20 to 22, you might want to take some time out to see the rest of campus and more of Centre County.

An excellent way to see the campus is to take a free bus or walking tour. The tour includes stops at many University buildings, including the Agricultural Administration Building, Old Main, and the ever-popular Creamery.

The Ag Administration Building, which anchors the section of campus known as "Ag Hill," will have special appeal to farmers visiting Ag Progress Days. This building houses the college of agriculture's administrative offices, and the skeleton of Old Coaly, a mule that carried stones to form the foundation of Old Main is displayed in the north lobby. The college is also home for the Cooperative Extension Service which serves all 67 Pennsylvania counties.

At Old Main, visitors will see frescoes painted by mural artist Henry Varnum Poor in 1940 and 1949. Earphones are provided inside the front doors so guests can listen to descriptions of the frescoes as they look at them. This building also houses the presient's office.

Visitors will also stop at Tyson Building, which houses the horticulture and agronomy departments and the University's greenhouses, where plants and flowers are sold to the public.

Some museums included on the tour are the Anthropology Museum, which houses a Central American Collection of materials excavated by Penn State anthropologists; the Museum of Art, which contians a growing permanent collection and traveling exhibitions; and the Frost Entomological Museum, where a half million species of insects are displayed.

No campus tour would be complete without a stop at the Nittany Lion Shrine, a favorite spot for picture taking, and a pause at the University Creamery for a refreshing cone of homemade Penn State ice cream.

Not included on the tour, but worth checking out are the Football Hall of Fame, where all the trophies are exhibited, and the flower gardens, which are in full bloom now.

Anyone interested in scheduling a tour should contact the office of special events at 814-865-2501. Perspective students and their parents can schedule campus tours which include dorm room and orientation sessions through the office of admissions at 814-865-5471.

More ambitious visitors may want to expand their touring to off-campus ares. Centre County offers a number of attractions for historical buffs.

The Aaronsburg Historical Museum in Aaronsburg features materials dealing with the history of Penns Valley, including clothing and hand tools. The museum is open Monday through Wednesday from 6 p.m. to 9 p.m.; Thursday and Friday from 3 p.m. to 9 p.m., and Saturday from noon to 4 p.m.

Boalsburg is the home of the Christopher Columbus Family Chapel, which belonged to the Christopher Columbus family in Spain and was brought to Centre County in 1919 by relatives of the Boal family. The chapel holds Renaissance and Baroque art, religious items, and a sea chest and explorer's cross that belonged to Columbus himself. Visitors can also tour the Boal Mansion and three museum buildings. Tours of the chapel are available daily between 10 a.m. and 5 p.m., but the chapel is closed on Tuesdays.

Also located in Boalsburg is the 28th Division Shrine, commemorating the achievements and sacrifices of the men of America's oldest army division of modern composition. The shrine's 28 acres of grassland are dotted with monuments and memorials. Displays include a World War II tank, artillery pieces, World War I mortars and Civil War cannons. The shrine is open from sunrise to sunset.

The county offers come beautiful natural attractions as well. Visitors can stop at the Bear Meadows Natrual Area, which consists largely of a swamp comparable to the glaciated areas further north. Described as a botanist's paradise, the area is home for many specimens of trees and shrubs.

Several natural caves are also nestled in the county's hills, including the state's largest cave, Woodward Cave. This cave, which features five rooms and two levels, is located along Route 45. It is open to visitors from 9 a.m. to 7 p.m. during the summer.

Centre hall boasts the state's only all-water cavern, Penn's Cave. Visitors can take a 50-minute guided motorboat tour of the cave.

Additional information about the places listed above and other locations in Centre County is available at the information tent at Ag Progress. Don't forget to stop by the Lion Country Visitors and Convention Bureau's exhibit to plan your travel schedule.

"Agriculture not only gives riches to a nation, but the only riches she can call her own." — Johnson

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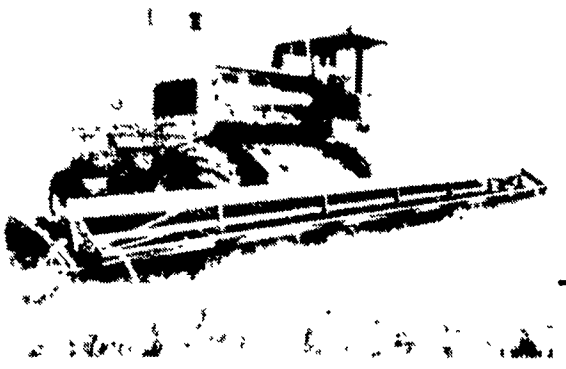

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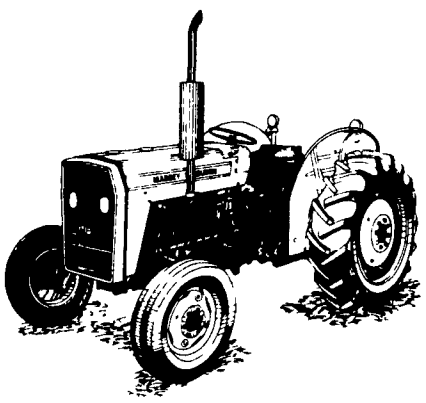

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Ag Progress is fun for the whole family

UNIVERSITY PARK – Penn State this week hosts the largest outdoor showcase of university programs and agricultural technology in the East. More than 75,000 people attended Ag Progress Days last year–and they weren't just farmers and researchers! There's something for every member of the family at the annual event.

Penn State family living specialists and Extension home economists have developed a computer exhibit with four computers to give visitors hands-on experience. Financial planning and farm stress management are among the topics covered in the specially designed computer programs. Demonstrations are scheduled in the College Agriculture Building on a rotating basis throughout each of the three days so visitors will have ample opportunity to see each one.

A sort of "cozy corner" will be in the "Ask The Experts" Tent where families can relax while children use crayons to draw their own "memory" of Ag Progress Days. Designs can be used as iron-ons for T-shirts. The family living specialists will hold fish-bowl drawings throughout the day to give away T-shirts to children. They also will share ideas and literature on ways to strengthen family bonds through story-telling and sharing memories.

Another family living exhibit will focus on nutrition. The specialists will feature fact sheets, recipes and food substitutions that help maintain good health and prevent heart disease. Everyone in the family will want to try the free bran muffins and orange shakes at this exhibit.

The family living exhibits are one of many places at Ag Progress Days that you can get a taste - literally - of what Penn State and agriculture are all about. Visitors can also stop by the Red Barn at the top of the exhibition area where students in the College of Agriculture will have Pennsylvania produce on sale in the Country Store. Fruit and juices, milk and cookies and lots of other edibles will be there.

Near the main information booth Ag Student Council will offer french fried mushrooms, hot sweet corn, hot dogs and plenty of ice cold drinks. In addition, many service organizations will have food booths with sandwiches, soups, broiled chicken and all the extras for lunch.

After a taste break, visitors with children will want to see the 4-H tent with its food and nutrition exhibits and various demonstrations. Children can join in the festivities with barn games and turtle races. (The speedy turtles, respectfully named Head, Heart, Health and Hands, will be provided by 4-H.)

4-H'ers will give demonstrations of rabbits, goats and sheep in the afternoons. Mornings, the Shavers Creek Nature Center will host a special predator exhibit featuring owls, snakes and hawks.

If you're interested in more animals–stop by the Dairy and Livestock tent to see the deer and beef cows.

Meanwhile in the lecture building you'll find entertainment–and serious information about home-garden insects, Robotics, vegetables and a number of other topics of interest to city dwellers and suburbanites as well as frm families.

A Penn State entomologist will be masquerading as a giant green bug, discussing "Bugs–a hindrance and a help." For more fun–don't miss the magician who will show off his bag of tricks at 3 p.m. each of the three days. And for foot-stomping music the whole family will enjoy–string bands will provide live entertainment at noon in the lecture building.

Regular features at Ag Progress Days will include the Pasto museum with antique home and farm implements, tours of agronomic and horticultural research plots, conservation areas and all the latest agricultural equipment. Look in the schedule for field demonstrations to see the machinery at work.

Two tours available at Ag Progress

ROCK SPRINGS – For the first time this year, Ag Progress Days will feature separate Soil and Water Conservation and Forestry and Wildlife Tours, according to Ag Progress Days Conservation chairman Frederick Bubb.

Both tours will leave from the conservation tent at the west end of 11th Street at the Ag Progress Days exhibition area. Tickets are free, and are available at the conservation tent.

A bus will transport people to the woodland and wildlife demonstration area. Buses will leave every hour, on the hour from 11:00 a.m. to 3:00 p.m. The woodland tour will be a walking tour lasting about one hour.

Soil and water conservation tours will leave from the conservation tent every 20 minutes from 11:00 a.m. to 3:00 p.m. This tour is a riding tour with optional unloading stops. The tour lasts about one-half hour. Persons taking this year's soil and water conservation tour will received a free packet of black-eyed susan seeds as a part of the 50th Anniversary of the National Soil Conservation Program.

Computers in new building

UNIVERSITY PARK – Visitors returning to the 1985 Ag Progress Days during August will notice something new. This years theme, "Growing With Computers," involves computer demonstrations under the roof of a new building.

"The College of Agriculture has always had carefully planned displays," says Dr. John Skelly, professor and head of the Department of Plant Pathology and chairman of Ag Progress Days' special display committee. "But this year, we thought it would be appropriate to pick a theme that would cross department lines and create a real show for the college's benefit. This will bring people inside."

Computers, Skelly says, involve all the College's departments. "They represent the modern technology that farmers use," he adds. "We hope visitors will recognize the computer as the major tool it is to the farm system–in business management, environmental control and disease prediction."

Among the computerized displays inside the College's building are:

- An office automation system, including demonstrations in electronic mail and laser printing, from Extension Computer Services.
- A soil information center from the Department of Agronomy that will demonstrate techniques in infrared forage analysis.
- An animal evaluation system that uses ultrasonics to measure lean and fat in live animals, from the Department of Dairy and Animal Science.
- Programs that can help farmers establish the optimum size for a bulk tank, the cost effectiveness of a heat reclaimer system and the best milking systems, also from the Department of Dairy and Animal Sciences.
- Software on insect management from an "Extension Office of the Future" from the Department of Entomology.
- Electronic "tools" for decision-making, covering everything from food preservation to auto care costs to mental stress, from both the Southeast Region's Extension Family Living program and state Extension family living specialists.
- Displays on computer mapping for natural resource management and gentic research on Christmas trees from the School of Forestry Research.
- An answering service from Extension's Plant Disease Clinic that enables visitors to solve common plant problems through easy computer programs.
- A system of poultry industry controls, from the Departments of Poultry Science and Ag Engineering.

ASCS urges farmers to monitor grain condition

YORK – With more than 53,917 bushels of loan grain stored on York County farms, York ASCS chairman Harry Wolf recently urged producers to continue to check the quality of their farm-stored grain to assure that it remains in good condition.

"Proper maintenance of farm-stored grain–whether it's in the grain reserve or under loan–is the full responsibility of the farmer," he said. When wheat or other grains are stored on the farm for extended periods, regular inspections are required in order to detect insect infestation or grain deterioration. The market value of infested wheat may be substantially reduced if the insect damage is sufficient to lower the grain quality.

Wolf said ASCS is currently inspecting random samplings of wheat, oats and barley in the reserve. Where problems exist, producers will be instructed to recondition the grain, rotate it with new crops or repay the loan. "Farmers should not rely on our spot checks as a substitute for their regular inspections, however."

Farmers are also reminded to obtain ASCS authorization before comingling rotating, moving or selling grain under loan. Penalties will be imposed when the grain is removed or disposed of before repayment or before a release authorization is obtained from ASCS.

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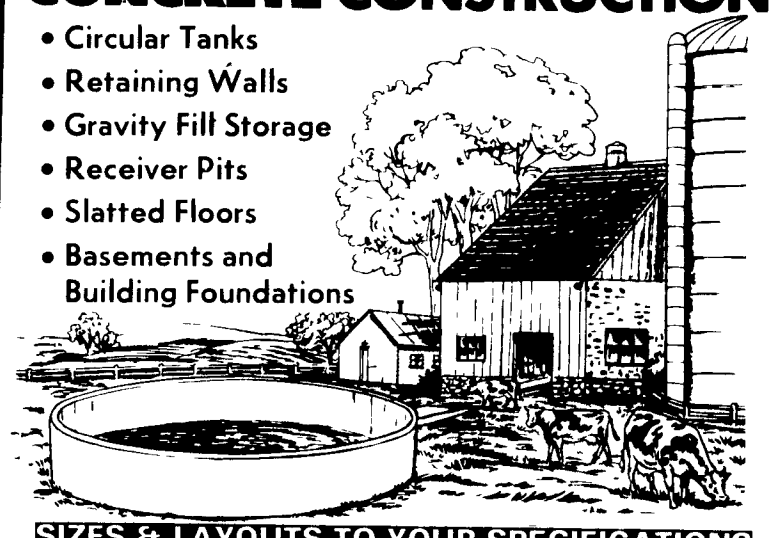

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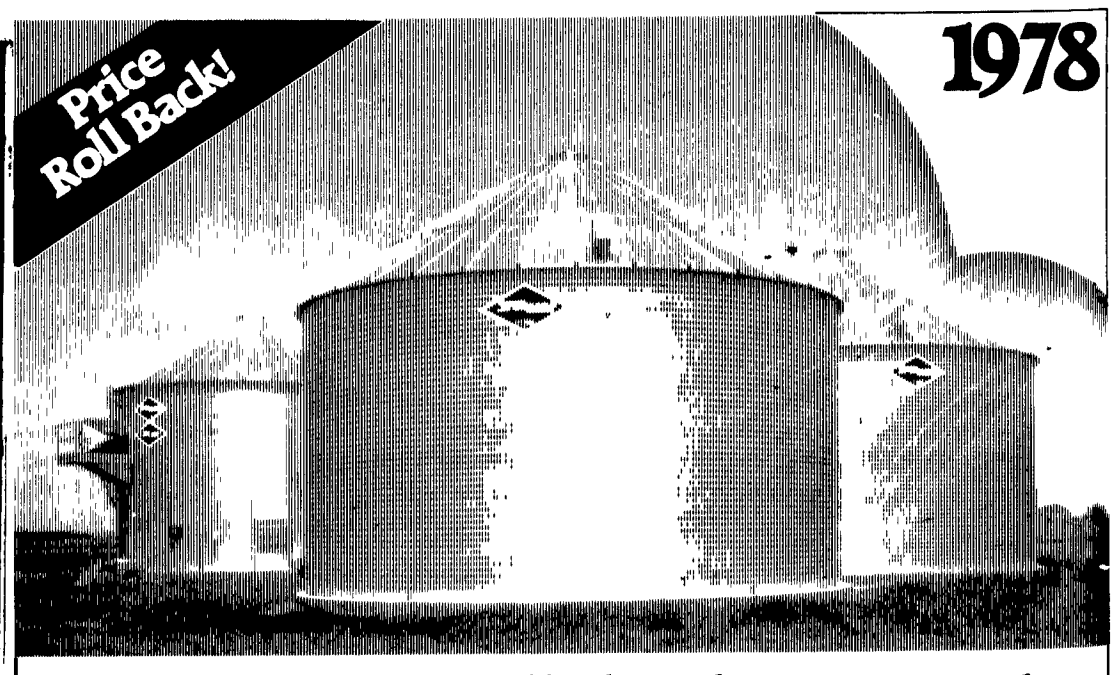

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Fuel potential of poultry litter

UNIVERISTY PARK – The use of broiler or turkey litter as a solid fuel source has received little attention. Primary attention has been directed ot the use of broiler and turkey litter as a fertilizer Poultry litter can be used to replace or supplement organic fertilizer for the production of crops and provide a source of minor plant nutrients.

While the recycling of poultry litter as a fertilizer to conserve nutrients is an admirable objective, the concentration of animal units per tillable acre in the area containing Pennsylvania's broiler and turkey industries has increased to the point that alternatives to application on adjacent land msut be explored.

The alternative to land application of poultry litter most often discussed is the production of methane. Methane represents a fossil fuel replacement which can be burned as a heat source or used to power an internal combustion engine, most often for the generation of electricity.

Because the fertilizer value of the effluent from emthane generation is not reduced, the production of emthane from poultry litter to serve as a fossil fuel replacement is an attractive alternative

The fact that the fertilizer value of the effluent from methane production is not reduced means that methane generation is not a true alternative to land application for animal wastes. Methane production results in an intermediate product which can increase the potential value of the original poultry litter as a fertilizer.

True alternatives to land application of poultry litter in areas of concentrated animal units include transporting the animal waste or methane digester effluent to other geographic areas where the material could safely be used as a fertilizer, or finding uses that do not include land disposl.

Evaluation of potential uses must be carefully reviewed to make sure that they are true alternatives to land application and do not represent, as does methane, an intermediate product ultimately requiring land application.

When moving poultry litter to other geographic areas for land application, transportation and handling costs are reduced with a management system that produces a dry, concentrated product. The effluent of methane generation does not produce this type of product.

Solid fuel

One method which eliminates most of the need for land disposla is the utilization of broiler and turkery litter as a solid fuel. Litter from a properly managed poultry house is a dry product, approximatley 20-30% moisture, which can be stored with a minimum of facilities until needed. Unlike methane which, for all practical purposes, must be utilized as produced, litter as a solid fuel can be easily stored until needed.

Research indicates that 20-30% moisture poultry litter has a net heat value of approximately 3500 BTU's per pound. This value will vary depending upon the type of litter material and the moisture content.

Thus, 18 pounds of average poultry litter will contain the net heat value found in each gallon of LP gas. At the present fuel value, poultry litter has a net heat value equivalent of approximately $75.00 per ton. This is about twice the value of poultry litter as a replacement for the nutrients in commercial fertilizer.

When using the calculated value as a criterion for evaluating alternative uses of poultry litter, the value should be determined at the point of use.

The alternative which includes transporting poultry litter from areas of concentrated animal units to other geographic areas for land application should be evaluated on the value of poultry litter as a replacement for the nutrients in commercial fertilizer at the point of application

It is becoming increasingly apparent that the concentration of animal units per tillable acres in some geographic areas has increased to the point that alternatives to the application of animal nutrients on adjacent land must be evaluated.

As ecologically sound alternatives are evaluated, one objective should be to maximize the return to the producer. The "best" alternative could vary between types of animals and even among producers of the same class of animals.

The alternatives evaluated must not exclude non-traditional uses usch as the buring of poultry litter. The burning of broiler and turkey litter for energy is a potentially high economic return alternative because such use would replace non-renewable fossil fuels.

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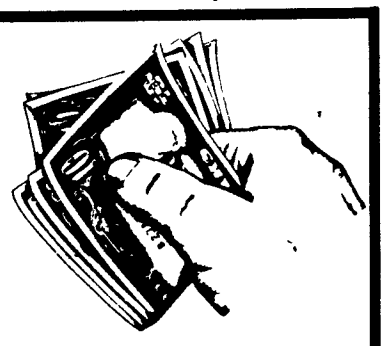

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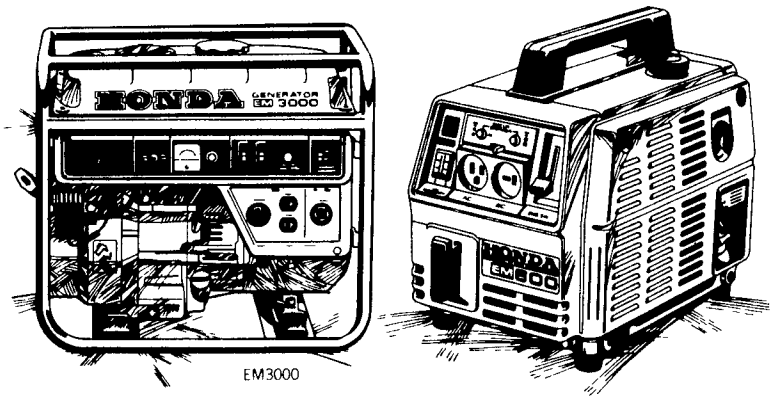

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Buyers give reactions to Hart-Carter Field Tracker

MENDOTA, IL. – Hart-Carter Company announces the publication of its new Field Tracker "Users Report", which contains interviews with soybean growers who have used the firm's Field Tracker attachment on their combines during the 1984 harvest.

The Hart-Carter Field Tracker is a patented, harvest-proven automatic header control that mounts between the combine feeder house and header, retaining the original quick attaching system.

Sensors at each end of the header are linked to electro-hydraulic controls that instantly, automatically tilt the soybean header side to side up to six degrees to match ground slope within a fraction of a second. This holds the cutter bar close to and parallel with the terrain under most field conditions.

The attachment also makes it practical to use a wider header without "eating dirt" or tilting up out of the crop. The result is less strain on the operator and the header, less dirt in the combine, more complete pick-up of down beans and more money in the bank.

The success of the company's first units in 1984 has generated considerable interest, because of their ability to improve the operation and life of some older combines. The unit's quick attaching mechanism matches those on most combines and makes hooking up the header a simple procedure. The attachment also makes combining beans under muddy conditions much easier, according to owners. They were pleased at how it keeps the cutter bar low in the beans, even on rough and uneven terrain.

Several growers using the Field Tracker remarked that along with the major benefits, it also offers side benefits such as providing their combines with increased maneuverability.

Controls permit the operator to raise the header and tilt it to clear obstructions such as bridge rails, gates and fence posts. It also helps in attaching or detaching the header when not on a level surface, or when loading the combine onto a trailer for transport. Models are available for Case-IH, John Deere and Massey Ferguson combines.

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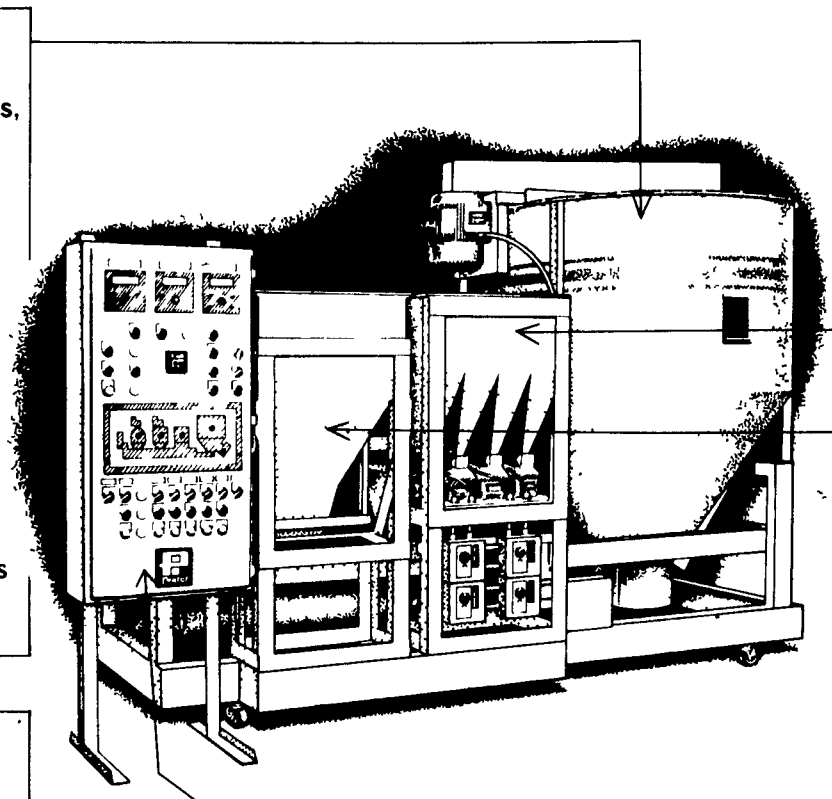

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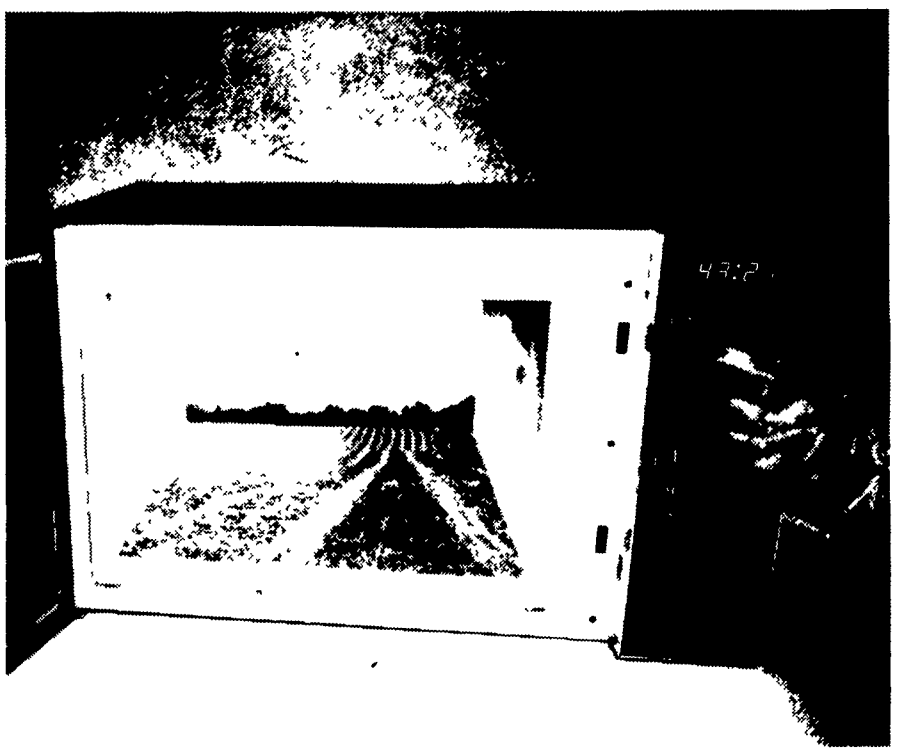

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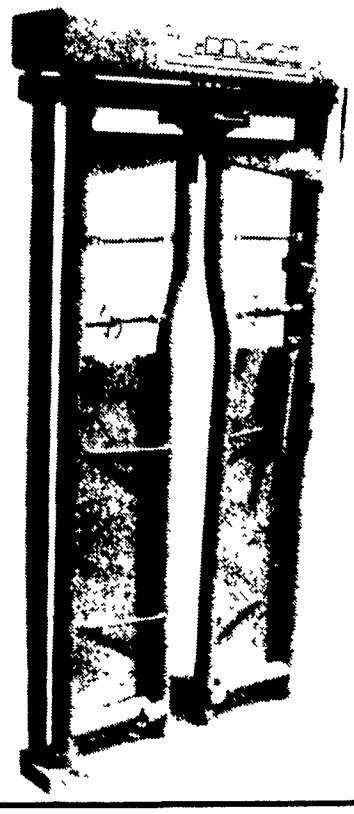

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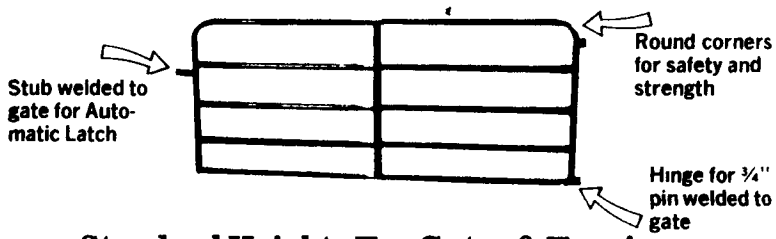

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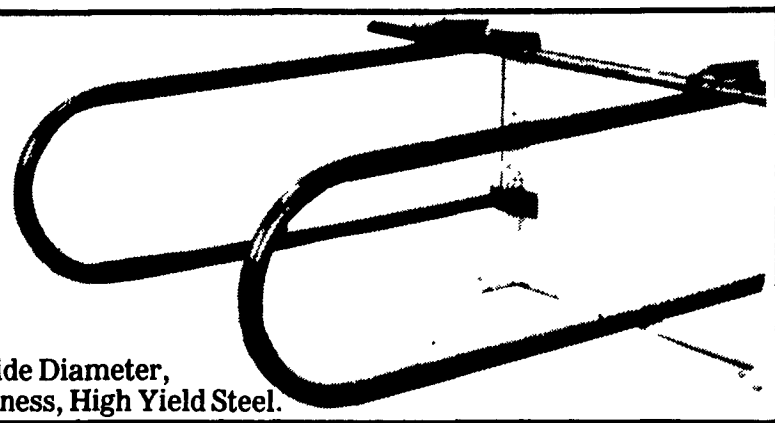

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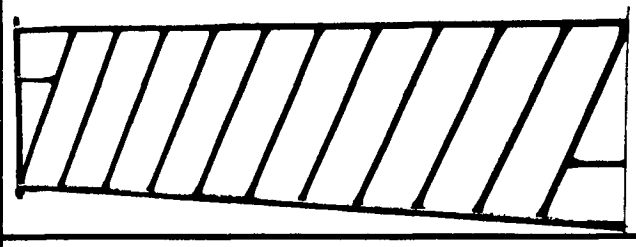

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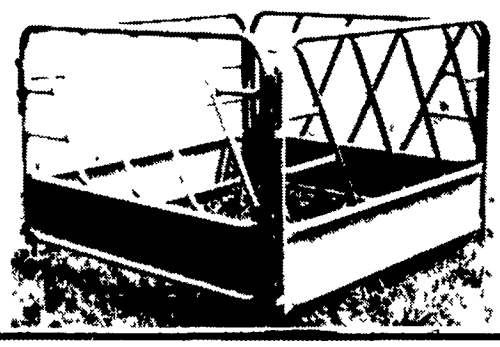

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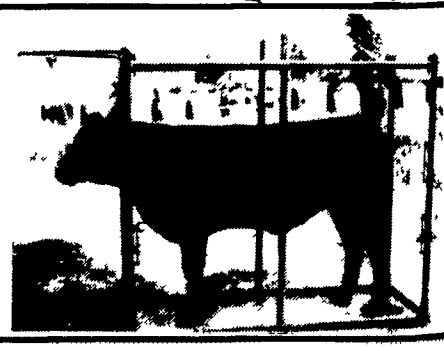

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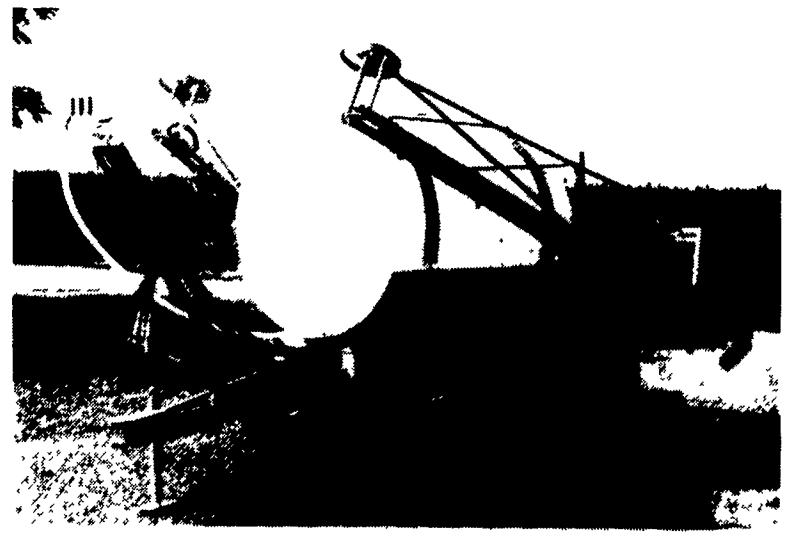

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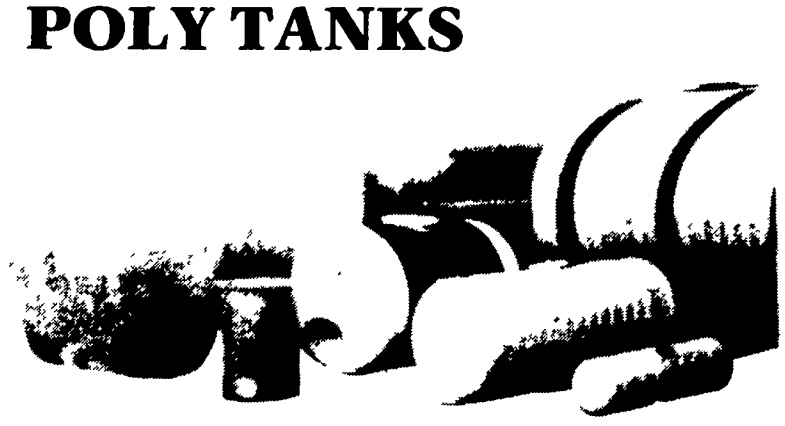

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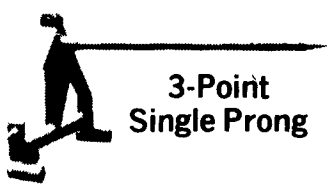

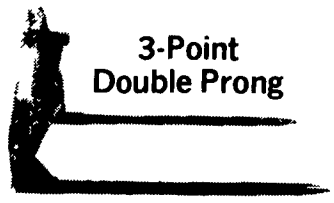

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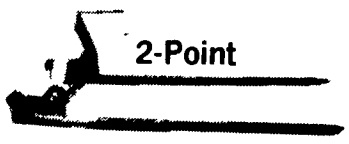

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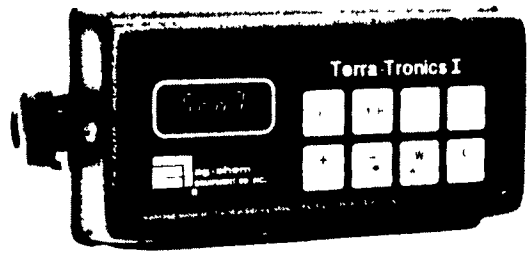

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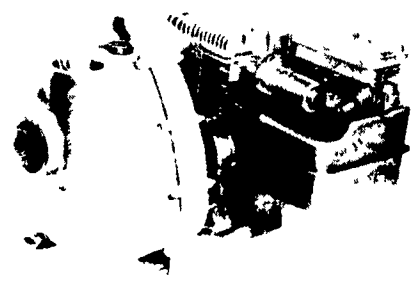

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No-till farming: revolution of the decade

READING – Early agricultural writers often referred to crop residue as a means of protecting the soil against erosion. However the technology did not exist at the time for leaving much of the residue on the surface after plowing and planting, says John Fior of the USDA Soil Conservation Service.

The standard farming technology of the time, moldboard plowing, turned the crop residue under sod and left the fields in a clean-tilled condition where they were very susceptible to erosion. As a result many of the nations major agricultural areas have suffered from excessive soil erosion over the years, says Fior.

Extensive use of conservation practices in past years such as contour farming, stripcropping, and terracing has helped to reduce soil erosion dramatically, but crop residues are still needed on the soil surface to control sheet and rill erosion. Recent developments in equipment technology, herbicides, and pesticides has made farming with crop residues a practical reality.

Various forms of conservation tillage have been developed where conventional farming operations such as plowing, disking, harrowing and cultivating are greatly reduced or eliminated. Ground disturbance is minimized. Consequently, large amounts of crop residue remain on the surface. The new crop is planted in the old crop residue. The residue protects the soil from wind and water erosion, acts as a mulch to retain soil moisture, and reduces fuel and labor costs.

In no-till farming, conventional tillage operations are completely eliminated. Seeds are planted in narrow slots cut in the ground. No-till often aggravates weed and insect problems, says Fior. Additional herbicides and pesticides are usually required.

No-till systems are adaptable to all major field crops such as corn, soybeans, small grains, grain sorghum and to a lesser extent vegetables and speciality crops, says Fior. Alfalfa and other legumes and grasses are also suitable for no-till establishment, but intensive management is required for maximum pest control and seedling survival.

Reports show that no-till crop yields are comparable to conventionally tilled crop yields. USDA reported that 10.5 million acres were planted to no-till in 1982, says Fior. This was a 313 percent increase over 3.3 million acres planted in 1972. USDA estimates that by 2010 more than half of all cropland will be no-tilled and at least 95 percent will be in some form of conservation tillage, adds Fior.

Recent surveys indicate that most farmers consider erosion control the primary reason for no-till, in addition to fuel and labor savings, says Fior. Farmers who practice no-till only for savings in fuel, labor, and other inputs may return to intensive tillage when economic conditions improve. Farmers who practice no-till primarily for erosion control will probably continue to do so, adds Fior.

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JACKSON, MN. – Ag-Chem Equipment Co., Inc. introduces a three-wheel, pull-type sprayer with either a 750-or 1000-gallon-rated-capacity tank.

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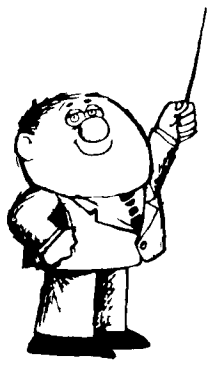

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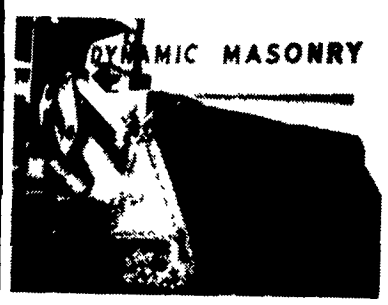

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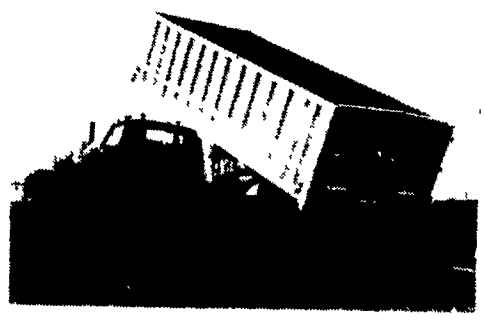

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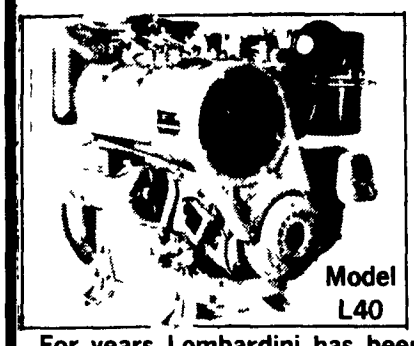

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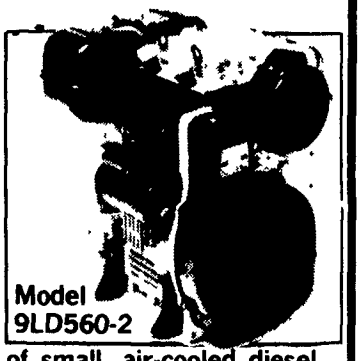

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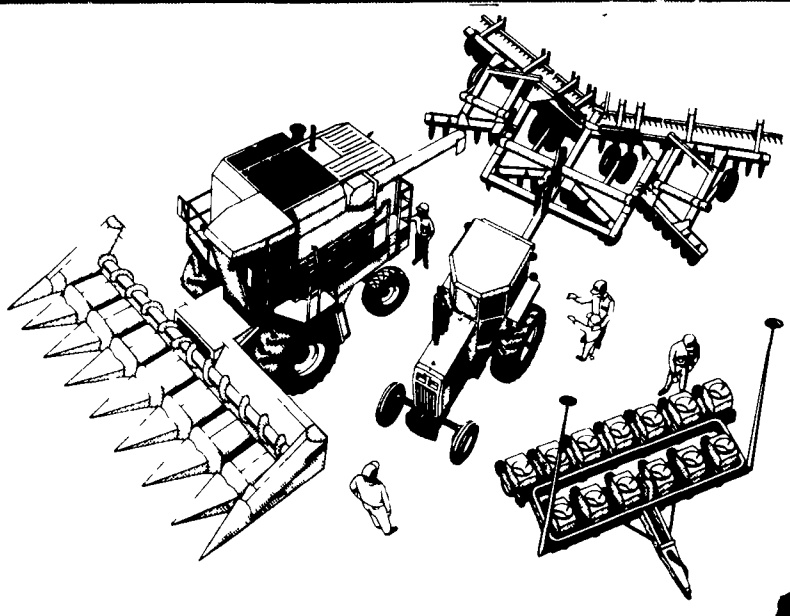

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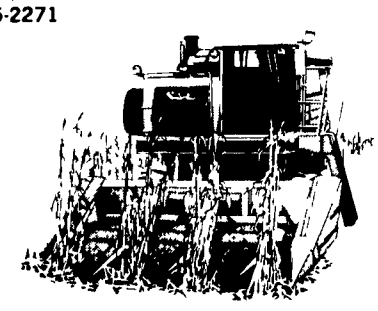

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Year-round grazing a success in Ohio

BY DEBBIE STILES-RENZI
Staff Correspondent

BELLE VALLEY, OH — Can mature cows do just as well on hay — and only hay — as they do on corn?

"I think so," says Charlie Boyles: He's manager of the Southeastern Ohio Agriculture Research and Development Center; and for the past 19 years, they've been practicing a year-round grazing system on some rough acres purchased in the 60's for under a hundred an acre.

Most cattlemen dream of eliminating most or all of the costly grain they feed; another item on their wish list is to be able to utilize fully available forages.

Manager Charlie Boyles has developed a forage program that seems to work well, one which could be applied elsewhere in the tri-state area. What is surprising about it is he uses no fancy, seeded pastures — he has cows on native Ohio grasses and 50 acres of Kentucky 31 fescue. The system itself is amazingly simple.

In October the calves are weaned, and everything's weighed: "We weigh four times a year," reports Boyles. The mature cows (no heifers, they are fed separately) are then placed in the first of six fields on a 150-acre tract. Boyles bought this particular acreage at a courthouse-step auction, for a mere $51 dollars an acre.

"Some of this land was so poor, the jackrabbits had to carry knapsacks across it!" Boyles laughs.

Boyles and his staff got the pH of the abandoned farm up from an origiinal in some places of only 2.5 to a more acceptable level; he says now they only have to fertilize fescue land. This they do at a rate of 200 lbs. per acre per year.

The cows are left in each field or 'block' for 26 days, then allowed to go on to the next. "They can go back where they've been, but they can't go forward 'til I say so," remarked Boyles, as he explained the grazing system to a group of visiting West Virginia Cattlemen's Association members In winter, cows have free access to previously harvested round bales of primarily fescue.

Cows calve each year on the system in protected woody hollows, part of one of the 'blocks'. Calving begins after March 15 and concludes by June 15. During calving season, the cows — purebred Angus, all — are checked twice daily.

By April 15 the cows are in the bluegrass field, later to go into blocks filled with tall meadow pasture: brome, timothy, native grasses. Boyles reports the Ohio research Center is also trying out bluestem on the program.

And Boyles lists two factors important in developing a successful 12-month grazing system:

• **Site selection.** A prime concern in a year-round system, says Boyles. The southeastern exposure on the section of the Research Center used for this "experiment" is ideal, he acknowledges. A northwest exposure, on the other hand, is totally unacceptable.

• **Water and minerals.** These are two very simple but necessary items, Boyles stresses. Both are crucial in order to maintain herd health on an all-forage ration.

The Agriculture Center runs from 40 to 60 head on the 150 acre tract, depending on the year. In addition, they also run a considerable majority of their 100-head ewe flock on the 12-month 'block-to-block' forage program

"We've made this circle 19 years," says Boyles. That they've continued with the 12-month grazing system this long is qualified proof it's an effective program.

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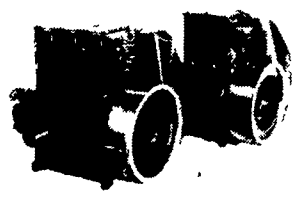

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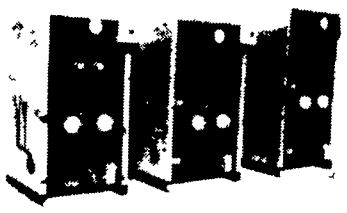

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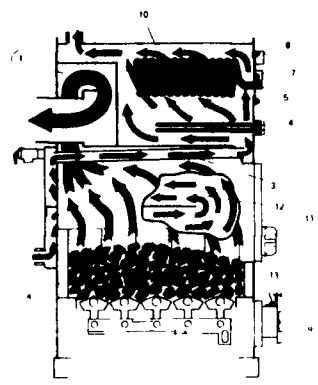

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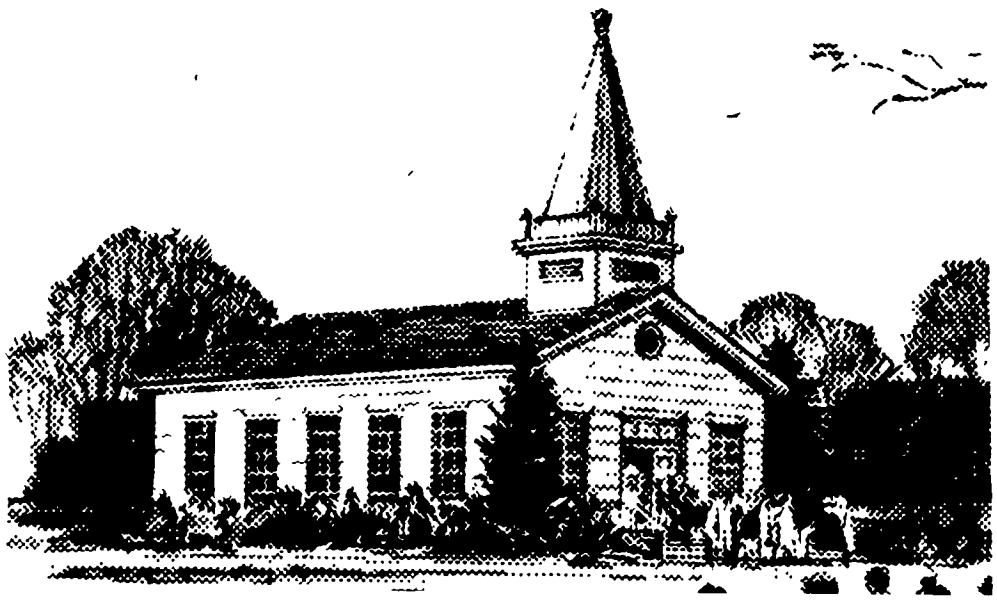

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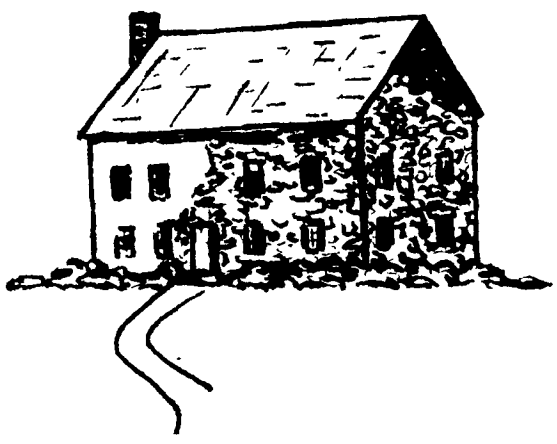

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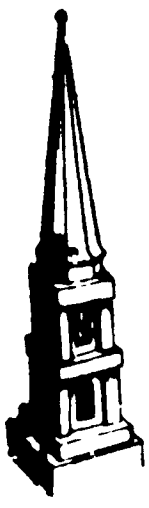

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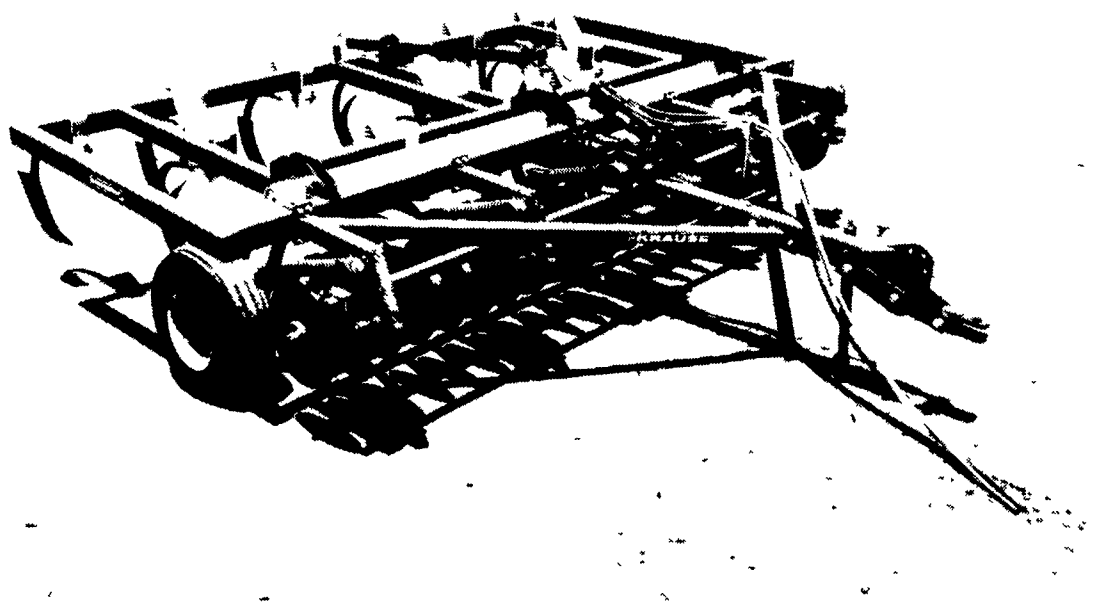


Krause unveils 2880 landsaver plow

Krause Plow Corp's new 2880 Landsaver[R] Coulter Chisel Plow in working widths from 9-foot to 17-foot features a stretched frame for greater trash flow. The big four-by-five-inch frame was lengthened 12 inches from the previous model and now offers three rank shank placement. A new option will include hydraulic adjustable coulter blades for independent depth control. This allows the operator to lower the coulters if the chisel is raised so the slicing action can continue. The coulter gangs are coilspring cushioned for protection in rocky fields. The standard coulter mounting features C-shaped rock-flex arms and manual height adjustment. Both coulter assemblies have 20-inch coulter blades on 8-inch spacing with Superseal regreasable bearings as standard equipment.

Alfalfa preparation in fall

DEKALB, IL – Now is the time to make plans for fall management of alfalfa that will increase yields as well as longevity of stands. Three practices that produce the best pay-off are fertilizing in the fall, allowing time for regrowth prior to frost, and leaving sufficient stubble.

Fertilize Annually

Alfalfa should be topdressed annually with potassium and phosperous to replace plant nutrients removed in the forage. Each ton of alfalfa hay produced (dry matter basis) will remove about 12 pounds phospherous (P_2O_5), 50 pounds potassium (K_2O), 30 pounds calcium, 6 pounds magnesium and 6 pounds sulfur.

Fall is a good time to fertilize alfalfa. The fertilizer granules will break down during the dormant season and be readily available to stimulate early growth as well as provide nutrients during the next growing season. High productivity cannot be maintained for long if you do not keep soil nutrients at adequate levels.

Building

Alfalfa is a perennial plant that stores energy in the roots and crowns in the form of readily available carbohydrates. These reserve foods are used to initiate growth in the spring and after each cutting. Food reserves are used in the fall to develop cold resistance and for survival during the winter. They are also used as energy for many other processes that occur within the plant.

Maintaining high carbohydrate reserves in the roots and crowns keeps plants vigorous and productive. Thus, alfalfa should go into winter with high levels of carbohydrate reserves. This can be accomplished by avoiding cutting alfalfa within six weeks prior to the average first killing frost date. Storage of food for winter usually is completed by the time frost kills the top growth.

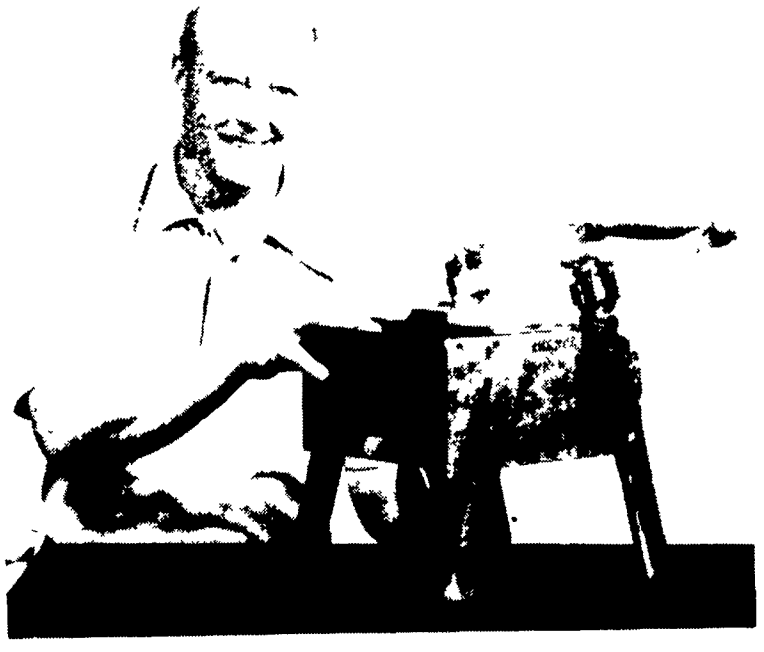
Leave Stubble

Injury to alfalfa during winter is usually the result of exposure to very low temperatures, of ice that smothers or breaks apart the crown, or of heaving that results in the plant being lifted from the soil exposing the crown to the air. Stubble left on the field in the fall will help collect more snow and hold it longer in the spring. This insulation gives the plant protection over winter and particularly during the late winter and early spring.

Like all northern adapted perennials, alfalfa develops cold resistance with the onset of the shorter days and cooler temperatures of September thru November. Cutting during this period can reduce hardiness and make the plants more susceptible to winterkill.

Alfalfa varieties differ in their ability to withstand winter temperatures and the effects of frost. Review university data and select outstanding winterhardy varieties like DEKALB 120 to survive harsh winters and come back in the spring with top yields.

Antique washing machine



Robert M. Struble of State College recently donated this demonstration model of "The New Becker Washing Machine" to the Pasto Agricultural Museum at Penn State's Rock Springs Agricultural Research Center. The model is one quarter the size of the actual washing machine, which was patented 100 years ago. It was used around the turn of the century by traveling salesmen employed by the Centre County farm and machinery dealership owned by Struble's great-grandfather, Charles B. McCormick. Recently restored to working order, the machine will be on display at Penn State's Ag Progress Days.

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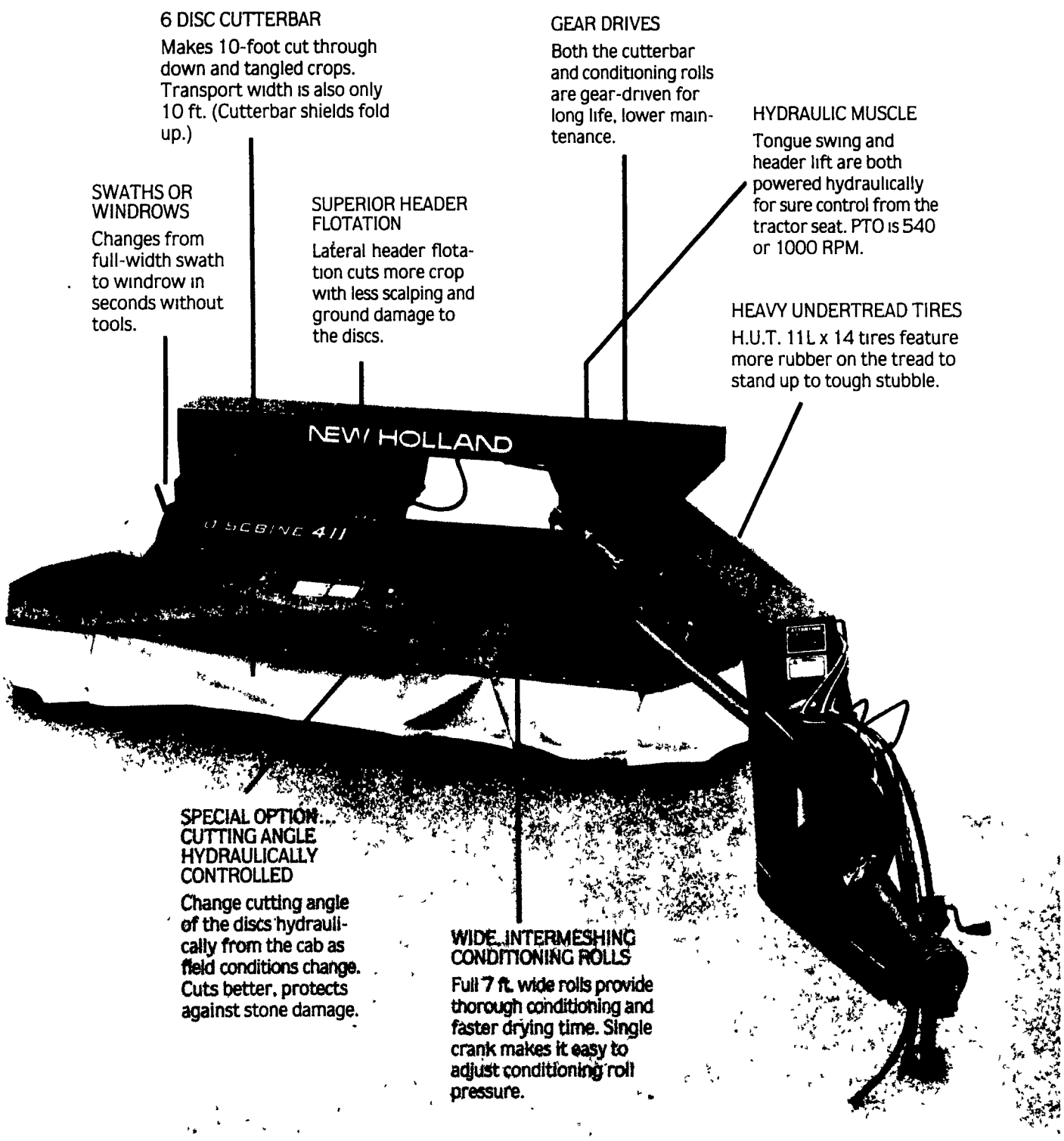
WHAT'S NEW FROM SPERRY NEW HOLLAND?

The Model 411

Discbine™ Disc Mower-Conditioner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Mifflin County DHIA Monthly Report

dhia
Pennsylvania Dairy Herd Improvement Association

November, 1984

June, 1985

Owner	Brd.	No. Cows	Days In Milk	Lbs. Milk	Lbs. Fat
Percy S&R Glenn Yoder	H	82 5	87 6	19,092	769
Charles L Forgy	H	50 8	88 8	19,950	768
John A Peachey	H	55 1	89 8	21,062	754
Bradstead Farm	H	37 7	90 1	20,701	735
Merle E Yoder	H	37 9	89 2	19,418	728
Louis S Peachey Jr	H	54 6	85 1	19,025	726
Paul J Zook	H	52 2	88 8	20,497	726
Kore E Yoder	H	53 2	89 5	19,107	721
David T Hostetler	H	35 7	89 2	18,858	718
James H Allison	H	39 3	87 2	19,975	712
James G Laughlin	H	42 8	90 2	18,666	711
Joseph E Kurtz	H	48 9	85 9	19,077	706
Mark S Yoder	H	89 9	87 4	18,094	705
Sylvanus S Peachey	H	93 0	89 1	19,142	704
John L King	H	47 6	90 4	18,283	703
Frank J Hartzler	H	60 8	90 8	18,999	702
Kore J Peachey	H	56.4	88 6	18,335	702
James O Reed	H	30 9	92 4	18,087	698
Byler Brothers	H	89 5	84 9	18,590	696
Joshua D Yoder	H	53 4	86 7	18,675	694
Robert Stayrook	H	29 9	89 0	18,408	690
James L Hostetter	H	44 5	92 3	18,319	690
David W Yoder	H	68.7	87 9	18,653	689
Aquilla I Yoder	H	79 0	89 4	17,572	687
John B Peachey	H	65 4	91 2	18,864	685
J Loren Yoder	H	37 2	90 2	17,919	683
John K Kauffman	H	82 1	85 3	18,493	681
Peachee Farms	H	65 0	88 6	17,094	681
Leroy Kauffman	H	51 1	88 5	19,416	677
Marvin R Kanagy	H	44 8	85 5	18,152	672
David R Spicher	H	77 2	90 9	18,175	669
Russel L Kline	H	52 3	87 5	17,960	669
Marvin E Peachey	H	53 7	88 5	17,582	662
G Sheldon Peachey	H	44 5	87 3	18,064	661
John A Yoder	H	39 9	86 3	18,414	660
LJ Dunmire Sons	H	85 4	89 4	18,570	659
Ronald R Kanagy	H	31 4	86 4	17,522	656
Jesse L Spicher	H	35 2	85 5	16,770	655
Vaunholm Farm	H	55 8	88 8	17,607	650
Louis S Yoder	H	47 4	89 3	17,637	650

Owner Name or No.	Brd.	Age	Lbs. Milk	Lbs. Fat
Merle E Yoder				
Visa	H	5-5	18,051	753
Posey	H	5-8	19,571	798
Peachee Farms				
April	H	6-7	20,120	790
Sylvanus S Peachey				
Pinky	H	11 10	23,203	769
Jonas B Kauffman Jr				
Natalie	H	3-10	20,048	800
Bradstead Farm				
Pegasus	H	5-0	20,342	808
Stephen Zook Jr				
Joni	H	5-11	23,790	773
Betty	H	0-0	24,958	759
RM & Wm R Ammon				
Judith	H	4-5	19,107	760
John A Peachey				
Dolly	H	3-4	19,675	797
Veeman	H	3-4	23,163	864
Ma	H	2-0	17,522	753
Joshua D Yoder				
Elaine	H	7 3	19,806	762
LJ Dunmire Sons				
#446	H	6-8	18,892	818
John K Kauffman				
Sharon	H	7-8	20,419	823
#112	H	5-4	19,399	796
#120	H	3-1	22,131	751
James L Hostetter				
Daphne	H	4 6	21,220	773
Lil	H	2-0	17,261	759
Mark S Yoder				
#603	H	2-11	18,341	780
Kore E Yoder				
Blossom	H	8-5	22,260	825
John B Peachey				
#130	H	4-5	18,194	872
#51	H	3-3	21,098	834
Louis S Peachey Jr				
#9	H	4-0	29,590	932
#48	H	3-0	17,894	777
#55	H	2-11	17,074	775
Dry House Farm				
#404	H	6-2	17,718	789
#438	H	5-7	17,563	807
Charles L Forgy				
#54	H	7-1	21,405	751
#71	H	3-10	17,906	786
Vernon L Kauffman				
Norma	H	5-6	18,057	799
Robert Stayrook				
#5	H	5-8	20,708	781
David W Yoder				
#45	H	6-7	23,232	886
J Irvin Zook				
#22	H	6-11	21,786	772
Marvin R Kanagy				
Jan	H	2-11	19,845	762
Edith	H	7-11	19,836	791
Joseph E Kurtz				
Rosmary	H	4-1	18,327	771
David T Hostetler				
#57	H	6-1	18,974	770
#68	H	5-4	20,836	960
Raymond S Hostetler				
#36	H	6-3	20,709	777
Jesse S Spicher				
Gift	H	5-1	20,872	760
Elmer S Peachey				
Harriet	H	6-11	22,150	796
Herbert H Keiser Jr				
Maude	H	6-6	18,144	751
Cas Stead Farms				
#172	H	5-8	19,503	875
Byler Brothers				
#5	H	9 9	21,492	790
#2	H	5 9	21,599	804

SCHUYLKILL COUNTY DHIA
June, 1985
ROLLING HERD AVERAGE

Carl A Farms	57 8	21,441	844
Brian Buch	27 8	20,850	816
Paul&Ken Wagner	55 2	18,855	740
Heisler Brothers	68 2	19,416	739
James Rodichok	65 2	17,435	706
Miller& Rex Inc	34 3	17,894	694
Larry Hepler	53 7	16,428	674
Snyder Brothers	79 3	18,323	668
Dawn F Rhein	74 0	13,856	657
Raymond Reichwein	38 7	17,117	655

Snyder Brothers			
Jami	4-7	27,575	1025
James Rodichok			
Calm	4-10	23,114	955
Paul&Ken Wagner			
Shirley	6-3	24,780	944
Carl A Farms			
Priss	4-5	23,791	901
Heisler Brothers			
Debbie	9-10	22,866	888
Carl A Farms			
Peach	3-0	21,389	870
Carl A Farms			
Petal	3-4	20,900	856
Bruce Leatherman			
Lillian	6-1	21,164	848
Heisler Brothers			
Silvia	3-6	20,750	842
James Rodichok			
Judy	2-9	20,544	831
Snyder Brothers			
Jenifer	4-3	19,638	808
Carl A Farms			
Olive	4-3	21,520	786
Heisler Brothers			
Penny	5-8	20,493	765
James Rodichok			
Sally	3-8	17,051	761
Paul&Ken Wagner			
Nellie	2 10	15 487	760

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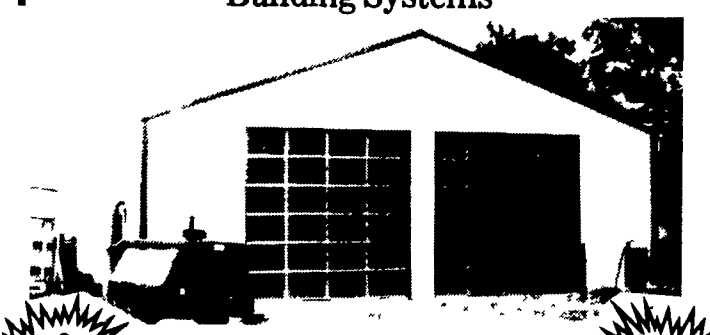

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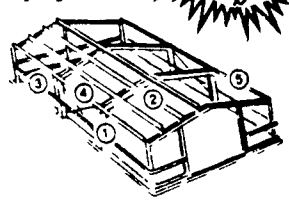

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'Cornell 281' corn may be out of this world!

ITHACA, NY – A space shuttle flight scheduled for next summer will carry a corn variety from Cornell University for an experiment on plant growth in space.

Making the historic flight will be "Cornell 281," a popular Cornell corn variety in commercial use since 1978 in the northeastern United States. Highly productive, it is grown for grain or silage.

The experiment, originally scheduled to be conducted aboard the space shuttle "Discovery" during its June flight, was put off until 1986 because of a last-minute conflict involving the plant growth unit.

That unit, however, was put into readiness for another plant experiment to be conducted aboard "Challenger," which had been scheduled for launch July 12, according to scientists directing the study for the National Aeronautics and Space Administration. The aborted Challenger flight will be rescheduled for a later date.

Meanwhile, two dozen college students from Florida and other parts of the country are now conducting ground-based flight simulation tests involving the Cornell corn at the Kennedy Space Center. These six-week tests are scheduled for completion later this month, explains La Donna Montgomery of the Bionetics Corporation, which is conducting plant experiments for NASA.

Results of the ground-based experiments will be compared with those to be obtained from next year's space experiment, says Montgomery, an experiment and curriculum assistant for the space life sciences training program designed to introduce college students to space research.

The focus of the corn experiment is to examine gravity as a stress on plant growth, based on an earlier study conducted by scientists at the Boyce Thompson Institute for Plant Research (BTI) located at Cornell. When corn plants were given a changed gravity orientation, by holding them in a horizontal position, the amount of a cell-wall material called "callose" increased in the plant tissue–a response scientists had never seen before.

This finding was made in a study conducted by Carl Leopold, a BTI scientist, and Mordecai D. Jaffe, who was a visiting scientist at BTI in 1983. Jaffe is a professor at Wake Forest University in North Carolina. The corn variety used in their study was Cornell 281.

Based on the finding, Bionetics scientists decided to test the same Cornell corn in space to see if a similar response, among other things, would occur in weightless conditions. College students involved in this experiment plan to grow corn seedlings in a specially designed plant growth unit that will be installed in the space shuttle's mid-deck locker.

One half of the corn seedlings grown in space will be harvested and frozen while in space; the other half will be harvested one hour after the shuttle returns to Earth. The tissue grown during space flight will be compared with its counterpart grown on ground under simulated space flight conditions.

The aim is to determine several stress indicators, including cell size, shape, and callose deposition, according to Montgomery.

Bionetics scientists obtained the Cornell 281 corn seed through Leopold and the New York State Seed Improvement Cooperative, located near the Cornell campus.

The Cornell corn variety was developed by plant breeders Clifford Manchester and the late Clarence Grogan in the New York State College of Agriculture and Life Sciences at Cornell.

Use of the Cornell corn cam as a surprise to William D. Pardee, chairman of Cornell's Department of Plant Breeding and Biometry.

"We are delighted that our corn can be helpful in this space research," he comments. "We thought Cornell 281 would go far, but this is further than we expected."

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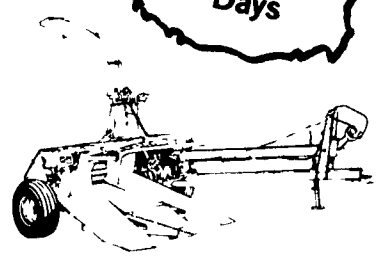
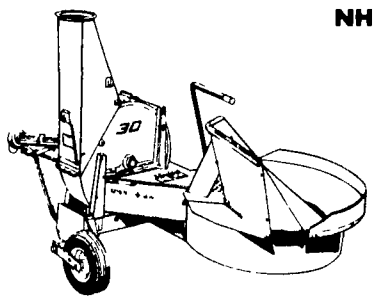
Your Cost $11,395

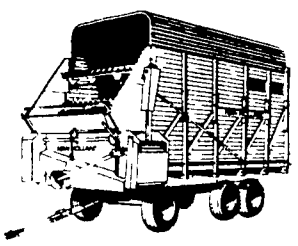




NH 28 FORAGE BLOWER
Sale $2,895
Aug. Disc. - 75
Your Cost $2,820

NH 30 FORAGE BLOWER
Sale $2,850
Aug. Disc. - 75
Your Cost $2,775

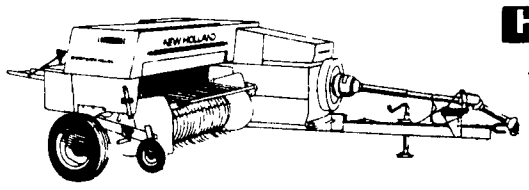
NH 824 CORNHEADS
30" - Fit 718 & 782
Sale $3,750



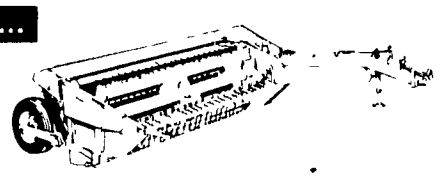
NH 3 ROW CHOPPER HEAD
With Auger Base And Pickup
Sale $9,195

NH NO. 8 FORAGE BOX
With Roof & 3 Beater
Sale $6,395
Aug. Disc. - 150
Your Cost $6,245

HAY EQUIPMENT...



NEW HOLLAND



NH 489 HAYBINE
w/Hyd. Lift and Cutter Bar Wear Plate
Sale $8,295
Aug. Disc. - 200
Your Cost $8,095

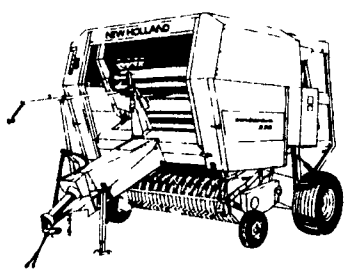
NH 316 BALER
w/#70 Thrower
Sale $10,995
Aug. Disc. - 275
Your Cost $10,720

NH 499 HYDRA SWING HAYBINE
w/Wear Plate & Hyd. Guard Kit
Sale $14,349
Aug. Disc. - 350
Your Cost $13,999

NH 411 DISCBINE
w/Skid Shoes & Hyd. Header Tilt
Sale $11,495
Aug. Disc. - 350
Your Cost $11,145

NH 1003 AUTOMATIC BALE WAGON
Sale $10,795
Aug. Disc. - 400
Your Cost $10,395

AUTHORIZED SPERRY NEW HOLLAND PARTS and SERVICE



NH 855 ROUND BALER
w/Bale Counter, Full Bale Alarm, Bale Ejector And Upper Oiler
Sale $12,295
Aug. Disc. - 350
Your Cost $11,945

SKID STEER LOADERS...

NH L445 (DEMO)
30 HP Deutz Diesel, w/Bucket & Fork
Sale $12,995

NH L250 GAS
18 HP w/Bucket & Fork
Sale $7,995
Aug. Disc. - 200
Your Cost $7,795

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David O. Fink
RD 1 Box 429-F
Germansville, PA 18053

Bucks County DHIA Monthly Report

Pennsylvania Dairy Herd Improvement Association

June, 1985

Owner	Brd.	No. Cows	Days In Milk	Lbs. Milk	Lbs. Fat
Rolling Herd Average					
Theodore S Wilson	B3	51 5	85 9	20,100	740
Richard O Smith	2	64 0	90 1	15,506	717
Delaware Val College	3	38.8	87 3	18,854	703
Delaware Val College	5	11 4	89 5	15,740	689
Joe & Linda Ford	B3	22 8	89 1	19,110	689
J Howard Roth	3	31 4	86 0	18,281	685
Harry E Thompson	3	25 4	88 8	18,900	683
Walter&David Wurster	3	57 2	89 9	19,430	683
George&David Bishop	3	96 0	87 9	18,685	679
Crooked Acres Dairy	3	56 8	88 1	19,215	675
Ken & Virginia Hager	B3	45 8	90 1	18,394	672
Willow Ridge Farm	3	48 4	87 4	17,369	671
Raymond Gross	3	45 6	88 7	18,372	670
Robert-Donald Crouse	B3	68 4	87 3	17,786	670
Rushlyn Farm	3	34 1	90 7	17,318	668
Breezyvale Farms	3	87 0	89 1	19,765	667
Paul L-Kevin Farms	B3	68 2	86 8	18,850	661
WM & Eleanor Gunser	3	65 5	87 9	18,542	659
Moyers Village Farm	B3	80 0	86 5	17,675	652
James Pavlica	3	42 5	85 3	17,547	649
Happi Hollow Farm	B3	82 6	90 7	18,428	644
Bishcroft Farm	3	122 0	90 2	17,190	639
Harold-Tom Haldeman	3	97 4	89 9	17,488	639
David R Wolfinger	3	35 9	89 4	18,327	637
Penrose and James	3	78 6	84 5	17,703	633
Warren W Detweiler	B3	48 1	87 7	16,026	624
Roy Shull	B3	208 9	88 7	17,134	622
Paul & Doris Daniels	B3	73 6	88 5	16,557	622
Robert-Barry Gehman	G3	59 3	89 3	16,484	610
Paul Keeler Jr	B3	48 8	88 1	16,352	608
Urmy Bros	3	27 5	91 0	15,949	598
Warren E Buckman Jr	3	56 3	89 8	16,711	598
Carl Slack	3	48 7	86 8	15,881	596
Joseph M Peters	3	49 8	86 7	16,933	591
James & Louise Beyer	4	50 4	85 7	12,023	589
P & C Berger	3	56 5	87 4	16,492	586
Stephen-Gary Natali	B8	42.6	87 9	14,306	584
Carl R Kresge	3	111 0	86 3	15,563	582
David R Walton	3	44 5	88 7	16,114	581
Frederick Bros	B3	71 4	86 8	16,149	581
Earl H Ben E Landis	B3	32 9	88 7	15,559	580
Glen Dairy-R Moyer	B3	123.6	84 9	14,306	577
Delaware Val College	1	13 0	81 5	14,583	566
Phillip & Ed Gayman	B3	37 6	87 7	15,724	562
Curly Hill Farm	B3	48.3	88 0	15,082	553
James Phillips	3	56 7	82 6	16,036	551
Steven P Kline	B3	47 1	88 3	14,189	547
Fred R Bosworth	B3	56 7	83 1	14,648	537
Lloyd Lichtenwalner	3	45 7	92 3	14,913	536
Paul Wisser	B3	56 7	89 7	13,879	532
Walter L Detweiler	B3	40 3	86 3	15,608	531
Urmy Bros	5	18 6	90 0	12,301	470
Norman Sames	B3	28 8	86 1	12,018	470
Jay D Hunsberger	G3	28 1	91 6	12,719	466
Melsky Bros	G3	56 9	84 1	11,137	419
Harold B Rick	B3	30 3	80 0	5,616	211
Little Rockspring	0	18 3	80 5	1,641	53

Owner Name or No	Brd.	Age	Days In Milk	Lbs. Milk	% Fat	Lbs. Fat
Warren E Buckman Jr						
Gigi	3	6-3	305	19,251	4 1	791
Frederick Bros						
90	3	10-10	305	19,479	3 9	760
Robert-Donald Crouse						
Misty	3	4 7	305	17,610	4 1	720
Crooked Acres Dairy						
Indian	3	5-3	283	20,365	3 8	777
Rushlyn Farm						
Clover	3	5-2	305	21,363	3 9	841
Moyers Village Farm						
Iris	3	6-5	305	22,506	3 3	736
Elf	3	4-7	305	19,335	4 6	880
Naomi	3	4-8	305	22,115	3 6	787
Candy	3	3 4	305	20,008	4 2	839
Jessie	3	3-2	305	18,572	3 9	721
Roy Shull						
401	3	4-9	305	20,134	3 6	726
494	3	3-4	305	18,408	4 0	736
503	3	3 0	305	23,929	3 1	744
550	3	2 3	305	17,212	4 2	725
558	3	2 9	305	17,376	4 1	707
Theodore S Wilson						
Ruby	3	9 8	305	21,606	3 5	747
Ken & Virginia Hager						
Gal	3	6 6	305	19,450	3 8	740
Beverly	3	5-0	305	21,964	3 4	755
James Pavlica						
Honey	3	5 5	305	18,657	3 8	704
Rose	3	3 4	305	19,532	3 7	715
Willow Ridge Farm						
172	3	6 0	301	18,859	4 1	778
189	3	5 2	291	17,430	4 1	720
201	3	4 4	302	15,804	4 6	733
204	3	4 2	305	18,663	3 8	715
Carl R Kresge						
Paula	3	3 11	305	18 916	3 7	706
David R Wolfinger						
Polly	3	4-1	286	19,347	3.8	730
James Phillips						
Valerie	3	5-6	305	22,307	3 2	719
Wm & Eleanor Gunser						
Fraulin	3	6-7	305	20,455	3 5	714
J Howard Roth						
5	3	5-0	305	18,313	3 8	702
38	3	4-8	305	19,924	3 5	700
36	3	4-4	305	20,645	3 5	721
76	3	3-6	305	19,416	4 4	858
Breeezyvale Farms						
Velma	3	4 6	305	20,753	4 0	823
Glass	3	2-11	305	23,132	3 2	730
Paul L-Kevin Bishop						
Tammy	3	6-8	305	19,482	3 8	731
Raymond Gross						
Grace	3	3-0	305	21,619	3 6	775
Delaware Val College						
Daffnee	3	5 11	305	23,649	4 1	961
Richard O Smith						
Spangle	2	3-6	305	19,042	4 1	778
George & David Bishop						
Natalie	3	4-1	305	25,695	3 1	806
Muffin	3	3 10	293	20,584	3 7	760
Harold-Tom Haldeman						
Gayblen	3	7 11	305	20,722	3 6	736
Grand	3	4 5	305	18,265	3 9	707
Bishcroft Farm						
Greta	3	6-9	305	18,726	3 8	715
Elsie	3	5-4	305	20,541	3 6	743
Maisy	3	4-11	305	20,124	3 5	700
James & Louis Beyer						
Daniell	4	7 5	305	14,694	5 4	795
Carl Slack						
Fanatic	3	5 1	305	20,869	3 5	732

CRAWFORD COUNTY DHIA
June, 1985

Rolling Herd Averages					
Helen Anthony	RH	77 9	21 810	823	712
Queens Manor Holsteins	RH	20 2	21 045	801	683
Black Pond Farms	RH	89 9	21 496	758	694
Tom & Libby Wilson	R&GH	14 6	20 473	755	655
Richard M Lyons	RH	19 5	20 322	725	639
Richard L Black	RH	48 4	20 228	722	662
Stain brook Farms	R&GH	48 0	19 718	721	638
Alan & Rhona Custead	R&GH	63 1	18,883	718	589
Ernest Oakes	R&GH	86 8	21 333	715	676
John Tautin	R&GH	40 2	18 716	698	567
Richard Deeter & Son	R&GH	22 2	17 800	687	565
O Darlan Farm	R&GH	46 9	19 598	686	647
James K Anderson	RH	59 5	17 956	684	593
John J Kapanick	R&GH	59 7	17 827	676	584
Dennis B Halfast	R&GH	43 0	19 673	672	641
Clark S Duncan	R&GH	43 7	19 118	667	628
W Norman Wheeler	R&GH	31 3	18 067	667	589
Stanley Bradshaw	R&GH	47 9	17 744	667	559
A&B Dairy Farm	R&GH	59 7	19 372	666	618
Dale Home Farms	RH	30 3	18 309	666	562
Slusser & Naugle	RH	50 8	18 386	664	588
Neil J Dearborn	GH	44 2	19,232	662	606
Loren Mitchell & Son	RH	49 4	18,142	660	570
James R Davis	R&GH	19 2	17 740	655	557
GL & SL Foster	R&GH	42 2	17 090	650	539

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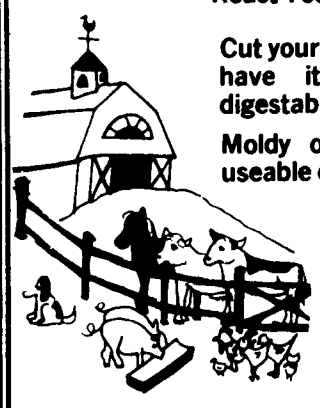

Cut your barley earlier with higher moisture and have it roasted for drying and better digestability and sow your soybeans earlier.

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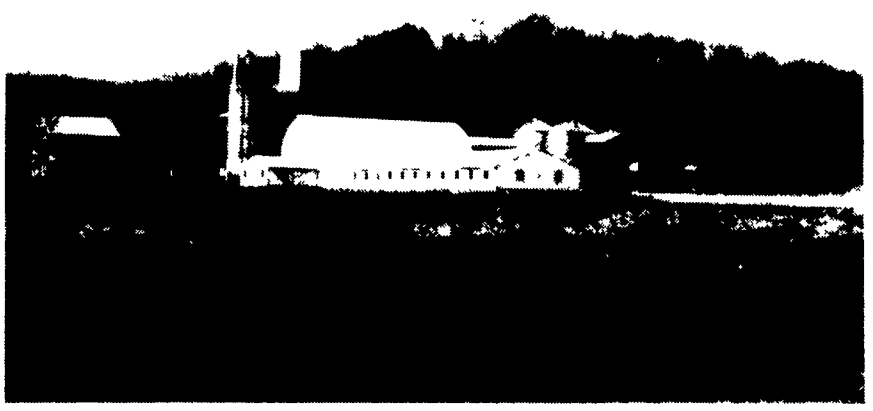
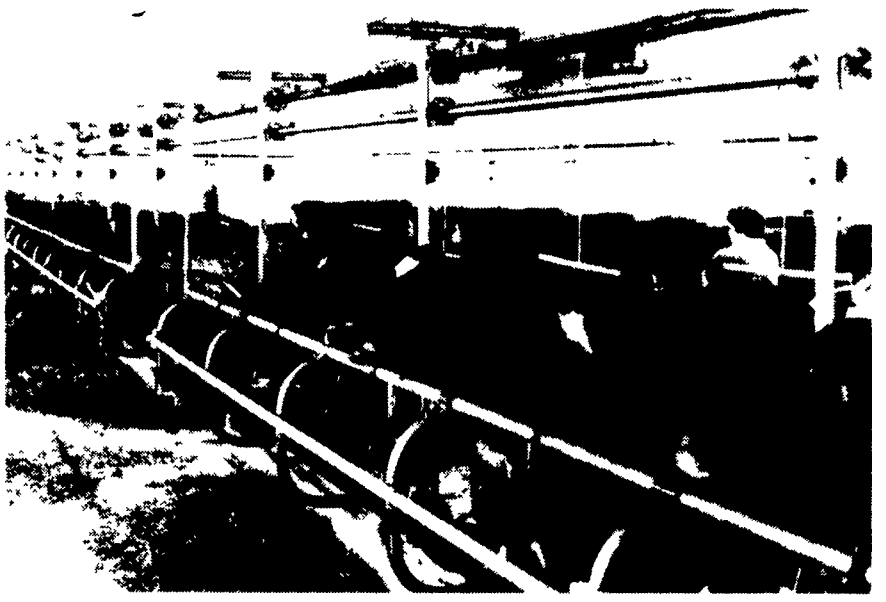


STUMPLAND FARM
40'x180' STALL BARN, 38'x88' GOTHIC ARCH BARN



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- **NATURAL VENTILATION** - PENN STATE "SUPER RIDGE"
- **DAIRY BARNS** - TIE-STALL, FREE-STALL
- **HORSE BARNS** - BOX STALLS, RIDING ARENAS
- **LAMINATED RAFTERS** - LARGE CLEAR-SPAN
- **MANURE HANDLING** - "WYE GUTTERS" - SWINE "STEP DAM" GUTTERS-DAIRY
- **POLE BUILDINGS** - CUSTOM DESIGNED
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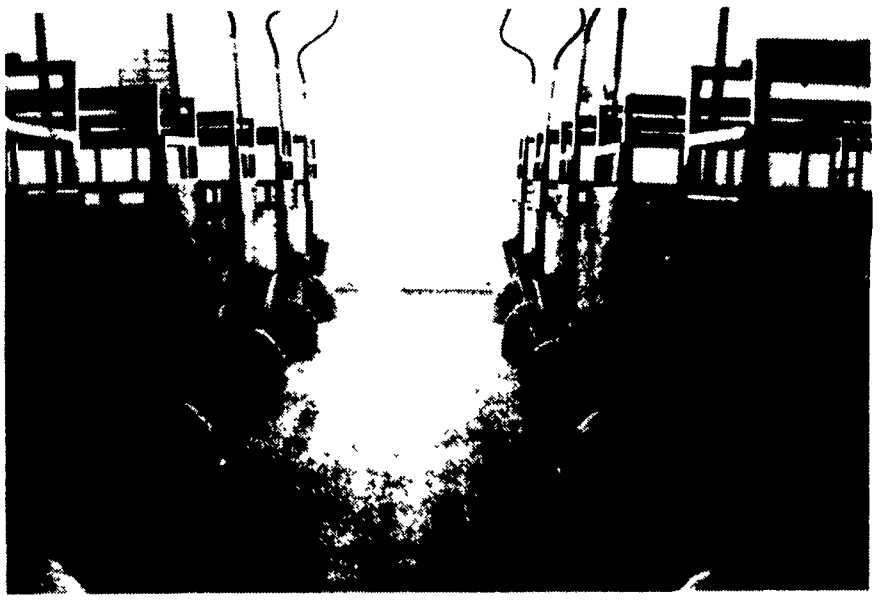
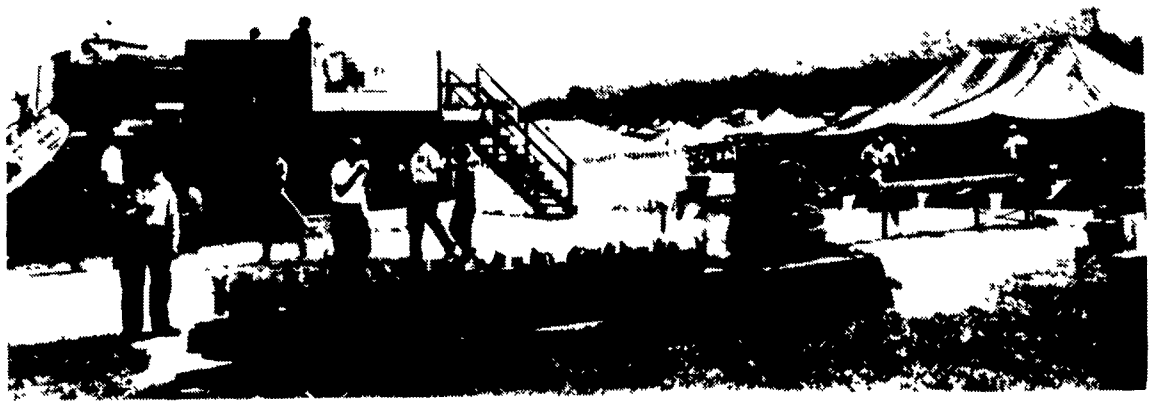
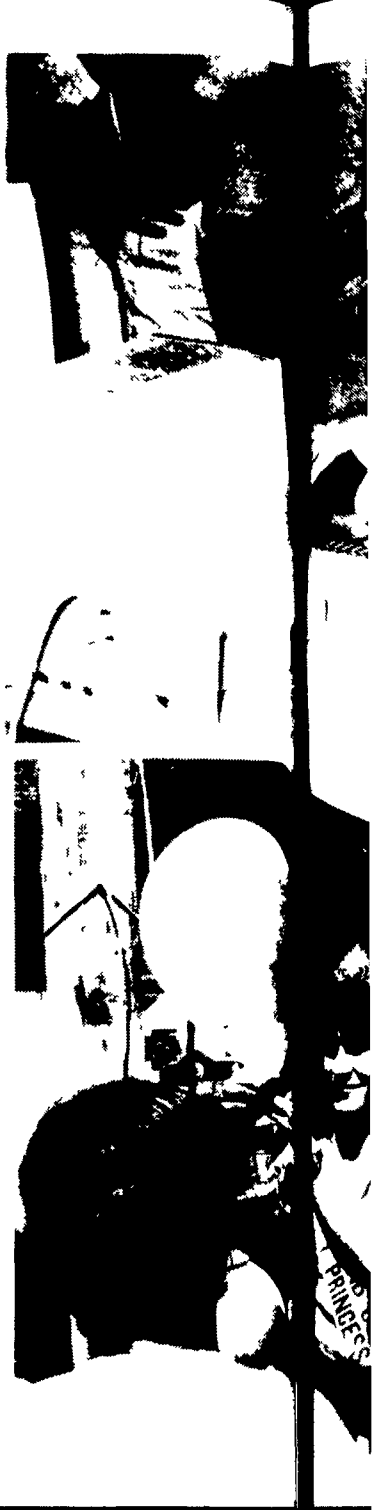


HENRY A. W. GRUBER - COMPASS NEEDLE FARM
36'x80' FARROWING/NURSERY BUILDING, EARTHTUBE HEAT EXCHANGER AND SNOUT COOLING

Scenes from Ag Progress, 1984





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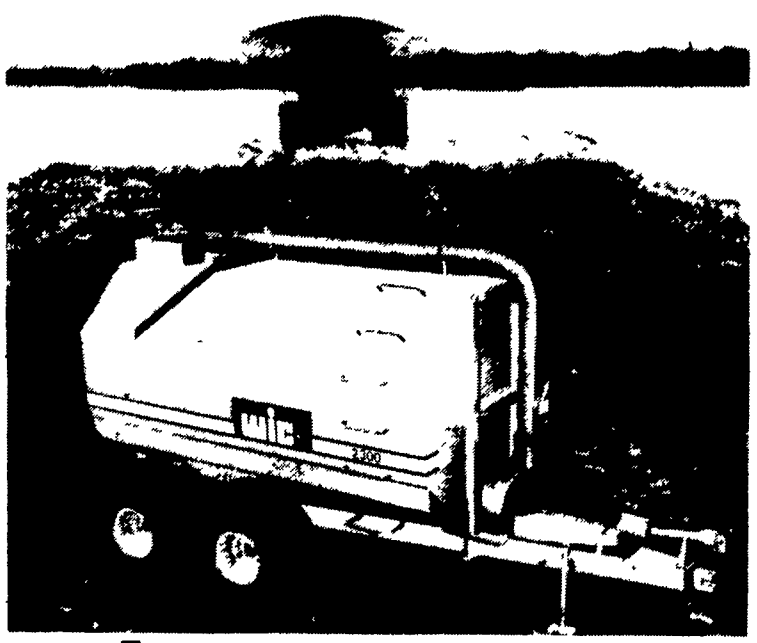

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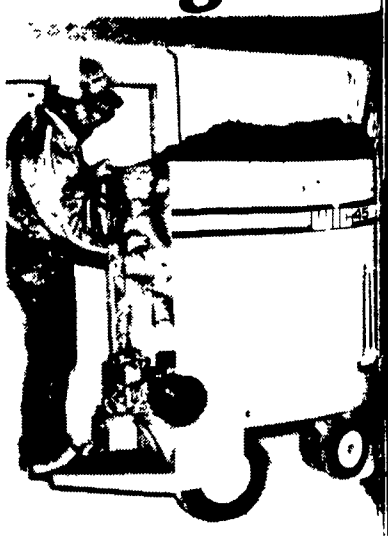

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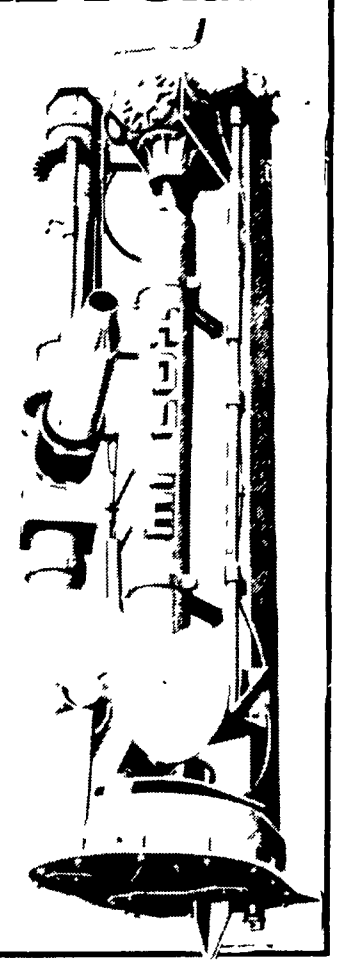

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NFU legislative director says

Present farm programs need adjustment, not overhaul

BY ROBERT J. MULLINS
Director, Legislative Services
National Farmers Union

WASHINGTON — With the Congress now in its quadrennial exercise of rewriting America's food and farm law, public attention focused on the issues of food and agricultural policy is at an all-time high. More individuals, organizations and interest groups are involved in the debate than ever before. This is a healthy development for it demonstrates the importance of food and agricultural policy in this country.

However, the debate has not yet led to consensus. Major philosophical differences separate many of the participants in the discussion. There are those such as the Reagan Administration who claim that a "market-oriented" farm program would make us more "competitive" in world markets. Others advocate a strict mandatory supply-management program, while others contend that the basic farm programs only need adjustments to make them responsive and effective given the changes in American agriculture over the past fifty years.

On the other hand, there are those whose main interest is in the "food" aspects of the bill, such as the Food Stamp Program, WIC, child nutrition, commodity distribution programs, etc. Among these are citizen advocacy groups, church organizations and elected officials who sense a moral quandary in a nation that, on the one hand has tremendous inventories of food, while on the other has a growing number of hungry and undernourished people. There are others whose main interest in the legislation lies in the fields of international hunger relief and international development, for example, the private voluntary organizations.

Some, particularly in the agricultural community, but not limited to it, view the food and farm policy issues as separate and unrelated. Nothing could be further from the truth. Both are inextricably linked. The domestic and international food programs provide almost a $40 billion a year market for farm products. Conversely, unless American agriculture is productive and, I might add, profitable, the raw materials for those programs become scarcer and more costly. It is in the interest of both farmers and consumers that this relationship is both understood and appreciated.

In attempting to reach a public policy decision that recognizes the legitimate needs of both producers and consumers, the key concept is that of stability–stability in price and supply for consumers and stability in price and policy decisions for farmers. Without the element of stability, any program is doomed to failure.

For those whose goal is a "market-oriented – export-competitive" farm program, their approach will work only if they are (1) willing to allow farm prices to drop even lower, therby forcing more farmers out of business; or, (2) willing to spend tremendous sums in export subsidies of one kind or another; or, (3) willing to spend unacceptable amounts of public funds in income transfer payments to farmers. Any or all of the prerequisites are, in my view, politically unacceptable.

The simple truth is that under current world economic conditions and trade practices the United States cannot become "competitive" without at least one of the three prerequisites being met. We cannot produce at a cost less than it costs many of the exporting countries to produce the same product. We cannot, from a budgetary standpoint, match those who heavily subsidize their exports.

Those who advocate a strict mandatory supply-management approach to farm policy recognize two important factors. Number one, such an approach would increase the prices farmers receive for their commodities (a needed goal if we are to retain our present system of agriculture is directly linked to agriculture) and, secondly, that the United States is for all practical purposes currently a residual supplier in the world market. This approach would focus on meeting domestic and humanitarian food aid needs.

Such a program could work and work well with minimal expense to the federal treasury. The one negative to this approach is the impact that it would have on those businesses and industries that provide the inputs to the agricultural community given the massive amount of land that would be shifted to other uses under such a program. As attractive as this approach is to many, it does not enjoy sufficient support in the Congress at this time. Even if the Congress were to approve such a program, it would face a certain veto by this Administration.

The third point of view is one that I hold, i.e., basically that our farm programs need only adjustments and refinement to make them workable and efficient for the foreseeable future. Critics of this point of view are quick to point out the cost of the programs over the past four years, the large inventories on hand and falling farm income.

While no one would argue that the costs have not been both excessive and unacceptable, those costs were incurred not as a result of the programs per se, but rather as a result of those programs being so ineptly managed by this Administration! Farm programs in the decade prior to this Administration averaged only about $3 billion per year. This Administration will have spent over $60 billion in four years because of its failure to utilize existing law to the degree necessary to counter the macroeconomic forces impacting on agriculture; the overvalued dollar, lack of "effective" world demand, world-wide record stocks of basic commodities and a continuing world-wide recession.

The basic farm programs have worked. The "proof" of that is our ability to produce abundantly and the fact that Americans enjoy basic stability in their food costs. In fact, I submit, as a result of the programs over the years, the American consumer, on average, pays the lowest percentage of disposable income food than any other people on earth and that percentage continues to decline.

Even though the basic programs have been successful in the past, improvements can and need to be made.

While we believe existing farm statutes provide a good framework, we are willing to consider innovative approaches and to explore adjustments in our relative reliance on various parts of the farm program apparatus.

However, we totally reject the Administration proposal to base crop support levels on a percentage of the moving world average price over the preceding three to five year period. This is not really a new idea. It is a discredited idea broached in the 1950's, which attracted little support from thinking farmers since it would have resulted in a sharp and steady decline in price support levels. It would have followed the market down rather than setting a floor under it. The same damage would still result from such an approach.

Likewise, we reject the idea of an export bonus, "Green Dollar" or Export Payment-in-Kind plan on the grounds that the strategy would yield few if any positive trade results, would be too expensive and might trigger an agricultural trade war.

Among the judgements which will need to be made in adopting a 1985 Farm Act will be several key matters. One will be the size and administration of the farmer-owned grain reserve. This would be the only public safety reserve remaining if the present system of Commodity Credit Corporation (CCC) loan and storage is changed in favor of a marketing loan concept in which the producer would take out a crop loan at a predetermined level and repay the loan later at the average market price if that price were lower than the loan level. Under such an arrangement, CCC would foot the bill if market prices were low, but it would not take over commodities as collateral.

Other judgments will need to be made on principally directing the benefits of federal farm programs to family-scale producers through realistic caps on the amounts that an individual can take out in crop loans in any year and the amount of any direct payments that a producer may receive in any one year; on long-term land retirement programs to minimize the cropping of erodible or fragile lands; and the retention of supply management authority on a standby basis should supplies become excessive.

As to farm program costs, it should be recognized that weak farm program measures do not necessarily reduce Treasury costs. On the contrary, higher CCC loan levels would do much to mitigate the cost of target or deficiency (direct) payments and the expense of paid land diversion programs.

Improvements will have several positive results in the cash flow and income situation for farmers, in reducing federal costs and assuring adequate levels of production for domestic and export purposes.

These improvements are achievable within the basic framework of current programs. What is needed is the will of Congress to implement the requisite improvements.

The basic point is that farm programs do not have to be costly to be effective; they only need to be managed effectively.

The improvements would also result for consumers as well as meet our food assistance programs both domestic and foreign.

Secondly, as a matter of public policy the Congress must reaffirm its commitment to providing an adequate diet for all Americans. It is no less that a national shame that the number of hungry and undernourished people in this country is increasing despite the abundant stocks of readily available and usable food stuffs. Congress must exercise its responsibility in this area and

(Turn to Page F29)

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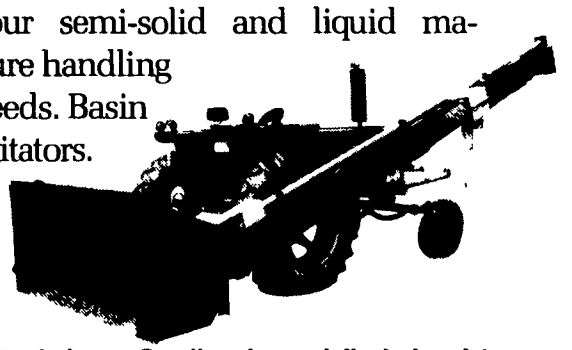

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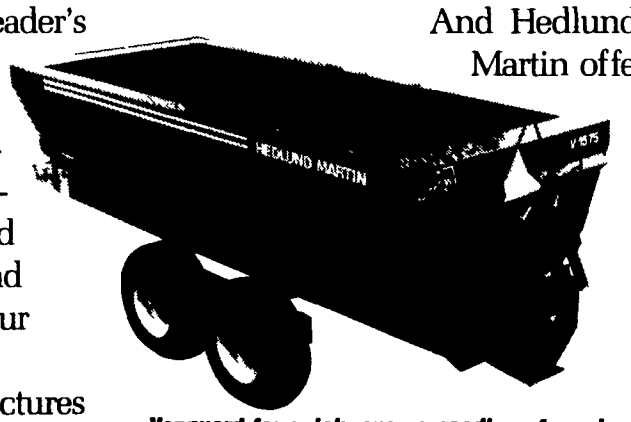

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The system consists of three main components:

–A computer control unit containing a built-in printer, easy-to-read lighted display, and touch pad keyboard. The OptiMiser feeder's "user-friendly" language prompts the user in English, and the system can produce four different printed reports to keep the operator informed.

–Rugged feeding stations constructed with heavy galvanized steel frames with glass-fused-to-steel side panels and feeding chamber. Each station features dual dispensing of both grain and protein supplement, with stainless steel auger troughs and a braking system to prevent over-dispensing due to auger coast.

–A recognition system consisting of an identifier unit attached to the feeding station plus individual neck cord transponders to allow the system to "recognize" each cow.

In operation, when a cow approaches the feeding station her neck cord transponder triggers the identifier, alerting the computer control unit. If additional concentrate is allocated to that cow, the computer signals the feeding station to dispense the appropriate amounts of grain and/or supplement.

The feeder approximates the control of individual hand feeding of grain and supplement, while retaining the convenience and labor advantages of free stall housing. The OptiMiser system is an ideal adjunct to TMR programs, especially in situations where cows cannot be grouped for feeding into three or more production groups.

Unlike many computer feeders, the OptiMiser system is able to dispense protein in increments of one-tenth lb., allowing the operator to accurately fine-tune individual rations while providing the bulk of concentrates in the total mixed ration

Another beneficial feature is the OptiMiser's ability to allocate feedings over as many as six different periods during each 24 hour day. Research has shown that cows perform best when they receive nutrients in a number of small feedings. A "skip" feature allows the dairyman to suspend feeding of additional grain or protein supplement during specified times, such as before morning milkings when it's desirable to boost forage intake.

The OptiMiser feeding system has the computer power to handle up to 16 feeding stations and 509 cows, and is fitted with a communications port to interface with leading brands of business computers.

The OptiMiser™ computer feeder from A.O. Smith Harvestore Products, Inc. can operate as a stand-alone system, or interface with many small business computers to become part of a complete farm management system. The OptiMiser system is designed to work in tandem with total mixed ration feeding programs, and is "user friendly," with easy-to-use keyboard and software that prompts the operator in plain English. The system can handle as many as 16 remote feeding stations and up to 509 individual dairy cows.

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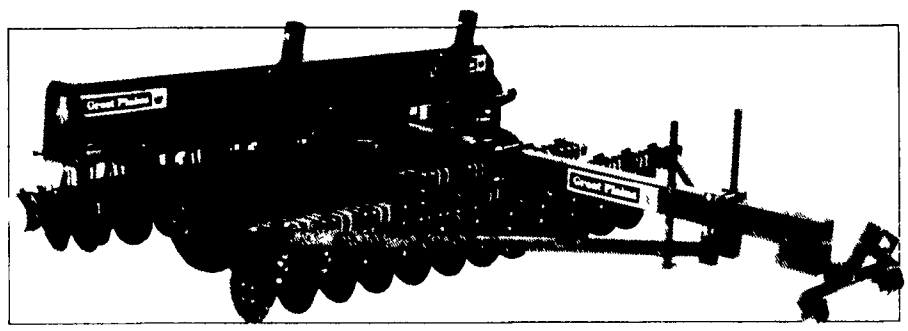

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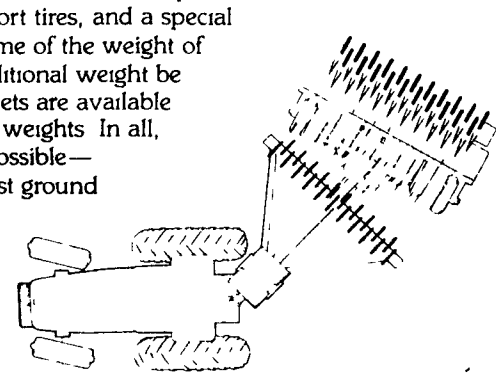

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NFU Director

(Continued from Page F26)

provide adequate funding for the various food and food assistance programs in effect including the Food Stamp Program, WIC, School Lunch and School Milk Programs, and direct donation of commodities to schools, cities and non-profit feeding programs.

Latest reports show that 22 percent of our children live in poverty; one of the results of poverty is that people don't have enough to eat or don't have enough of the right kind of food to eat. Can we really afford that? Not only is it in the public interest to have a well-nourished citizenry, it is also in the best interest of agriculture to increase and expand the domestic market.

Our nation's abundance [illegible] be used as a positive tool [illegible] foreign relations policy, as well as to improve out trade positions. Programs such as P.L. 480, commonly known as Food-for-Peace, are effective in several ways, first of all in meeting emergency food needs throughout the world, but as important as that is, P.L. 480 can and has been used to build U.S. markets and help develop the infrastructure of recipient nations.

The real potential for market development lies in the developing and less-developed countries of the world. But this market development is a long-term project and one that must be viewed as an investment by the United States and not as a means to provide a "quick fix."

Effective utilization of our foreign food assistance can help develop the indigenous agriculture of recipient countries, increase their incomes and standards of living and allow them to become eventual buyers in the world market.

These goals are achievable but only if carried out in the context of cooperation and not confrontation.

The Congress can write a food and farm bill in 1985 that will provide for adequate farm income, adequate production and stable prices to consumers.

The only question is, does it have the will to do so?

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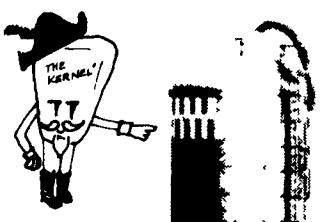

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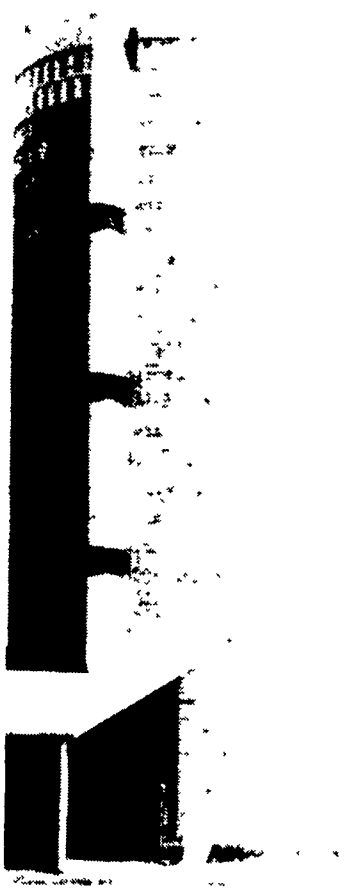

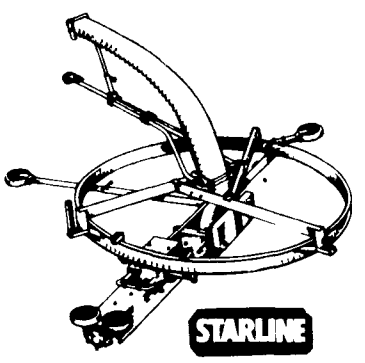

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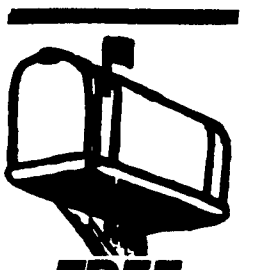

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For Sale - Used barn cleaner paddles, 3500 watt generator. Motors 1-5 HP. Today bargain 215-445-5309

Wanted - Person experienced w/dairy and modern machinery. References. Somerset Co 814-267-5248 after 8 PM

For Sale - Kasten blower 120, super, $400. Lanc. Co. 717-626-4872.

Wanted - Elevator extention for Gleaner E scour Kleen, For Sale: Gehl #50 mixer; 1984 Dodge D50 4x4. Berks Co 215-683-5269.

For Sale - Level 125 acre farm, 8 room home, 50 cow stall barn, 18x50, 16x50 silos. $130,000. Alleg. Co. 301-264-3782

For Sale - German Shepherd male puppy, AKC, large frame, 11 weeks. Also grain tank bins, water tanks, steel & fiberglass. 717-354-5691

For Sale - Registered Nubian Buck, dehorned and very gentle, ready for Fall breeding. $100 w/papers, $75 w/o papers. 215-987-6098

Wanted - 730 JD diesel tractor w/wide front end and 3 pt. hitch. Excellent condition only. Hunterdon Co., NJ 201-832-2534.

For Sale - Large quantities of clean, plain, 4 ply, 50 lb. paper bags, $15/100. Elk Co. 814-834-4960.

Wanted - Blizard 600 cutter for parts or in working condition. David E. Beiler, Box 285,R2, Narvon, PA 17555.

For Sale - Good 1206D w/cab. Would consider trade. No Sunday calls 215-445-5880.

For Sale - Model 53A NH bale thrower, good cond., $200; also NH model 69 baler, $450. Lanc. Co. 717-354-5696.

Wanted - Side delivery manure spreader, around 100 bu. Clearfield Co. 814-247-6393.

For Sale - Crankshaft for D282 Int. 010 under; Zimmerman winch unit. Enough power to clean 500' house. Cumberland Co. 717-776-7465.

For Sale - Corn fed capons, Aug. 15th till New Year. Leb. Co. 717-949-3044 or 717-949-6834

For Sale - Single row NI #10; NI #10 1 row corn picker, good cond., $450. Leb. Co. 717-865-6836.

For Sale - Van Dale Magnum silo unloader for 20x60 silo, little use, best offer. Dauphin Co. 717-362-9096.

For Sale - Martin 12 ton tag-along tilt bed trailer, $1,600; Case 220 baler, $400. Adams Co. 717-359-5283.

Wanted - Standing, hand water pump. Not pitcher pump. Must be in good working condition Huntingdon Co. 814-643-4799.

For Sale - Morgan horses, fillies, foals to 3 years Chestnut, bay, black Exceptional 1985 colts, cheap. Indiana 412-639-9228.

For Sale - NH 985 combine w/13' grain head in excellent cond., $5,500. Orange Co., NY 914-564-1208 or 427-2422.

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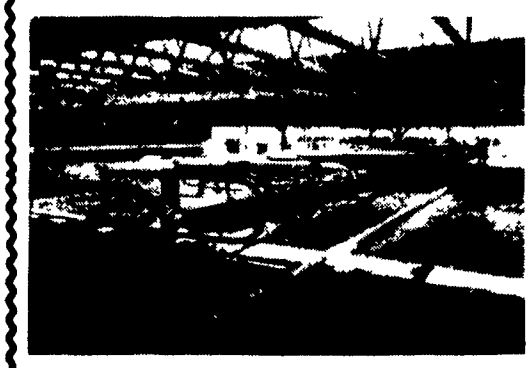

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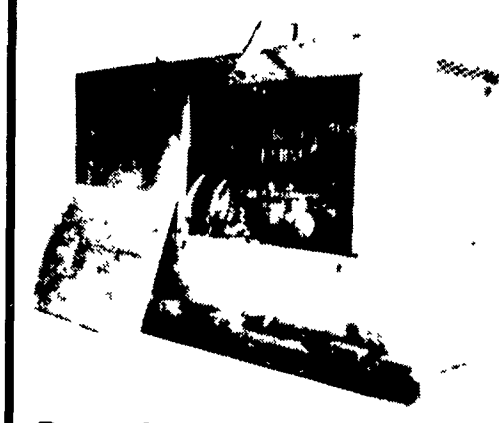

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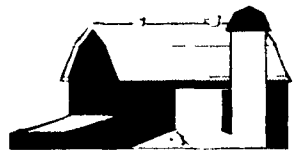

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MAILBOX MARKET

For Sale - Loading chute for cattle or hogs w/cable lift. 717-786-3740.

For Sale - Kools blower, 540 PTO. Call for price 717-866-6111

For Sale or Trade - NI Uni 727 husker for 3 row harvestor head. Perry Co 717-789-3978

Wanted - Complete turbo charger assembly off IH DT436 engine; Fold down discharge extension for Badger forage wagon Berks Co 215-683-6431

For Sale - JD 346 baler in good to excellent condition $3,900 John Newswanger, R.D.2, Box 107, Newville, Pa. 17241.

For Sale - Cardiff iron worker C#1 needs repair, cheap Reynolds Milling Machine, horizonal 44" bed, $500. Lanc Co 717-768-8912

Wanted - Old Amish Quilts, crib quilts doll quilts Will pay fair price Box 21, Lititz, Pa 17543 717-626-7854

For Sale - 35x12 metal silo, 12' Badger unloader You remove $2,500 Very good condition. Wash Co 301-791-6135

For Sale - Stokermatic coal furnace, forced hot air, 115 K BTU, 3 yrs. use, Ex Cond. $500 Glou., NJ 609-423-7245

For Sale - Registered Haflinger Horses, beautiful stallion, 2 fancy mares, stud colt Registered Missouri Fox Trotter, registered Walking Horse. 814-445-6385

For Sale - Sunbeam St Shearmaster Sheep shears; Sheepman's Productive Handbook, plus other books and equipment $50. Gettysburg, Pa 717-334-8563

For Sale - 1985 Angus Bull Calves and Steer Calves Will make good herd bulls and 4-H steer projects Carroll Co 301-374-6423

Wanted - Saint Bernard puppies w/papers, male & female. Lebanon Co 717-865-4534

For Sale - Big Chestnut Sorrel work horse. Henry M Hoover, R.D 1, Box 373, Woodlyn Drive Rd., Denver, Pa. 17517.

For Sale - 1965 30 Series Cher 1 ton dump truck; 65 30 Series Cher truck for parts. 717-397-6343

For Sale - 2 R.N. corn head for NH 770 harvester. Leroy Hertzler, R.D.1, Mt. Wolf, Pa 17347.

For Sale - 30 bushel large grain Rye Seed for cover crop, clean & bagged. $4.25/bushel. 717-733-4647

For Sale - #9 silage cutter. David Lantz, 416 Musser School Rd., Gordonville, Pa. 17529.

Notice - Netherland Dwarfs, excellent quality, pedigreed, some registered, blue eyed whites and red eyed whites Also guinea pigs. York Co 717-244-8998

For Sale - Foley 387 Filer and Saw Setter, nice $700., Oliver 17 disk grain drill. $150. Lanc Co 717-354-5060

For Sale - 13 trusses 21' long, designed for open front shelter $30 each Jacob Beiler, Noble Rd., Kirkwood, Pa 17536

For Sale - 2 wooden screen doors, 3'x7', $5.00 each, Canning jars, qts and pts., Childs chair, $5.00 Lanc Co 717-653-4344

For Sale - 4½ a corn for silage. S Lanc Co 717-529-2516 evenings

For Sale - Hesston late model 2 row narrow corn head, cut 20 acres $2,200. Union Co., Pa 717-524-2410

For Sale - 355 NH Hammer Mill, like new cond., $5,000., 300 bu. Rye, $3.50/bu. uncleaned Cumberland Co. 717-776-6470

For Sale - Jack Russel Terrier Puppies, 3 litters from very selected breeding, will be ready Sept. 15. Adams Co. 717-334-0400

Notice - FREE Labrador Ret., 3½ yrs. old, trained, good hunting dog. Lanc. Co. 717-684-6423

Wanted - 2 row corn head for IH 830 chopper. 518-872-0426

For Sale - Pride Of The Farm Hog Feeders, (1) 12 hole and (1) 10 hole, excellent condition. Union Co. 717-966-1145

For Sale - Tyler Wheat from last years certified seed, excellent yield, Buy (1) bushel or 1,000 bushels. Northumberland Co. 717-672-9740

For Sale - Twin Suffolk Ewe Lambs, 4 months old, very nice Leb. Co. 717-865-3434

For Sale - 1974 Black VW Van, some rust, runs good, $450., Electric Stove needs repair, $5 00 Leb Co 717-949-3847

For Sale - Pure York & York Landrace Cross Boars & Gilts, PRV tested free herd. Lanc Co 215-445-4649

For Sale - Farmhand wagon rear unloading, JD 350 crawler loader w/PTO, Rebuilt under carriage, good condition Berks Co. 215-944-8380

Wanted - Self propelled haybine for parts. Can be Case 655 or 675 or Hesston 310 or 320 Fulton Co. 717-987-3732

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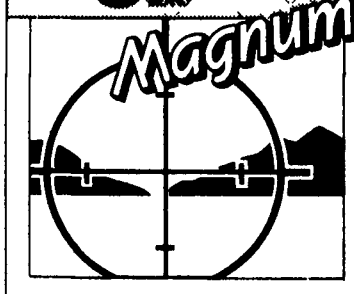

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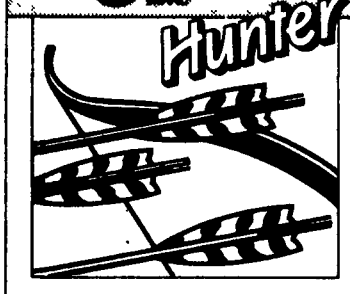

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For Sale - JD 35 harvester w/2R, excellent condition, new knives, spout exts, screen. Leb Co 717-866-2578

For Sale - Rye seed field run; 4 Surge breader-cup milker units and mini-cup milker unit. Berks Co 215-488-6816.

For Sale - AC 190XT Series III w/front rear weights and power shift wheels, needs motor work $3,250. Lanc Co 717-786-7143.

For Sale - Tyler wheat, last year registered. Will clean and treat. Order before Sept. 15. Lanc. Co. 717-653-5536

For Sale - Apple and fruit polisher and grader, 6 sections, 30', grades out 5 sizes, $350 Schuylkill Co 717-645-3252

For Sale - Ford 8N tractor w/hydraulic loader and 3PTH Kubota backhoe attachment, extras, excellent condition Susq Co 717-965-2404.

Wanted - Farmall A for parts; Farmall H & Case 400, to buy. 717-284-2424.

For Sale - Aroostoak seed rye from certified seed last year, bagged, $4.50/bushel. York Co 717-927-6066.

Notice - 142 acre dairy farm, 6 silos & slurrystore, 100+ free stalls & milking parlor Leb. Co. 717-949-6823.

For Sale - AKC GErman Shepherd puppies, 8 wks old, $60 FREE. mixed collie pup, 10 months Lanc Co. 717-665-7765

For Sale - Thomas Troubador Organ, Model 186, 2 manual, very nice, $1,300 Northumberland Co. 717-425-2205 or 758-8571

For Sale - Corn silage out of field. Possible Delivery Available. Call for prices and arrangements. Lanc Co. 717-354-0175.

For Sale - NI 323 1R corn picker, picked less than 100 acres. York Co. 717-927-9061.

For Sale - McCormick Deering 10-20 tractor, running condition, $550 cash York Co 717-938-6322

For Sale - AKC Pomeranian stud service Reasonable Rates. Abram P. Stoltzfus, R1, Paradise, PA 17562

For Sale - Oliver S-77, good condition, pulley, excellent tires, $1,300 Lanc. Co. 717-529-2937

For Sale - Southern Colonial on 18+ A, 3BR, 2½ baths, garage, 30x48 pole barn, built 1976, $93,000. Perry 717-567-9340

For Sale - 1975 Ford Granada, V8, automatic PS, PB, 106,000 mis., $650 BO. Lanc Co 717-949-2536.

For Sale - Chevrolet truck 1969, 19,500 GVW, 14' steel dump bed, 292, 6 cyl. Franklin Co 717-532-8391 after 5

For Sale - Original "Reber" hay wagon, good cond., stored inside. Make Offer Bernville, Berks Co 215-488-1732.

For Sale - Extra long barn beams, 1863, good condition K M Hanley, Berks Co, PA 215-777-5013

For Sale - Like new 60" Dion blower; Hesston 10 stackhand, Owatonna grinder-mixer. Dauphin Co 717-362-9850 eves

Wanted Bedding chopper 718-984-3445

For Sale - (2) Int 990 mower knives, 9' & 1 mower shoe Also new belt. 215-562-3929

For Sale - 83 Oliver 2RN corn picker, $2,100 York Co 717-432-3067

For Sale - Beautiful Registered Peruvian Paso Stallion, 6 yrs., 15 hands, liver chestnut. Reasonably priced Lanc Co. 717-284-3329

Wanted - Electric carpenter saw outfit w/seven attachments on it. New Castle Co., Hockessin, DE 19707. 302-239-5645.

Wanted - 4" steel forms for concrete sidewalks Lanc. Co. 717-687-6538.

For Sale - 2-20' single tobacco ladders, wooden; JD 60 tractor, excellent condition. Lanc. Co 717-285-4770.

For Sale - NH #8 silage wagon, 3 beater w/roof, good, $1,800 Dion 3 beater silage wagon, $1,475. Lanc. Co 717-626-5033

For Sale - Hesston windrower 320, good condition; top beater for 218 NI spreader. Franklin Co. 717-328-3407

For Sale - JD flail chopper, used 3 seasons, good cond. Lanc. Co. 717-653-4749.

Wanted - Two wheel horse cart w/rubber tired wheels. Adams. 717-359-4721. After 7PM, 717-359-4535.

For Sale - IH 2MH corn picker; mountings for 560 IH tractor, $400. Perry Co 717-536-3409

For Sale - Lime spreader box, hyd. drive, 32' booms, used 4-5 & 6 ton fertilizer spinner spreaders. Lanc Co 717-354-4996.

For Sale - 8' locust posts, Danbury mint limited edition, 12 waterbird plate collection w/ 24 carat gold Lanc Co 717-284-4598

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FOR: CHESTER SELLERS, et al.

AT: Skippack Firehouse
Rt. 113 (¼ mi. So. of Rt. 73)
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THURSDAY, AUGUST 22, 1985

9:00 A.M.

Auto to be sold at 12 Noon

ANTIQUES — Walnut Jelly Cupboard, Estay Player Piano, Bombei type Secretary, headboard w/ivory inlay, oak corner china cabinet, oak bowfront china cabinet, sm. marbletop rosewood stand, two 6-drawer spool cabinets, tilt top lamp stand, French mantel clock, Ansonia mantel clock, jelly cupboard, 4 ladderback chairs, cherry dropleaf table, blanket chest, dough box, min. blanket chest, M.W. sewing cabinet, marbletop lamp stand, walnut bureau top turned columns, Victrola w/record file, hanging pie safe, doll high chair, Stella Mandolin, Banjo mandolin, violins, Golden State trumpet, brass fireplace set, silk needlework "The Forbidden Stitch", Wallace Nutting prints.

COLLECTABLES — Scales, blue deco jug & crock, candle mold, spongeware plate, redware crocks, jug, plates, baskets, sleigh bells, copper & brass bucket, milk pail, peanut oil lamp, min. oil & rayo lamp, brass skating lantern, leaded glass table lamp, Betty lamp, Gaudy Dutch cup & saucer, Gaudy Welsh teapot, brass candlesticks, Bennington creamer, stoneware mixing bowls, lg. grouping tin mold, primitive kitchen items, Spatterware bowl, spittoon, duck decoy, yellow mixing bowl, agateware, Indian blanket, wolf's skin blanket, American Indian artifacts, woven coverlet, child's copper cook set, Hamilton pocketwatch.

CHINA & GLASSWARE — Early Meissen bowls & plates, Bohemian frosted punch bowl & cups, Northwood carnival glass, Wedgewood cracker jar, drug store ice cream set, Staffordshire lamb ink well, glass baskets, Vict. condiment set, Nippon, Noritake plates & Easter egg, Canton C & S, plates, pressed glass pcs., china clock, cut glass bowl, milk glass pcs., blue coin bowl, ironstone pcs., Depression glassware, pattern glass lamp, Blue Willow bowl, Flow Blue tureen, cranberry Epergne, vaseline glass compote, Heisey pcs., Roseville vase, Majolica ett. plate, Johnson Bros. dinner set, Stangl bird, R.S. Prussia bowl, Royal Copenhagen Christmas plates, B & G Christmas & Mother's Day Plates.

FURNISHINGS — Country colonial LR suite, side chair, 8 pcs. maple dining room suite, formica top kitchen set, pine desk, maple end tables, library table, maple sofa, arm chair, cobblers bench, recliners, cedar chest, maple poster bed & chest on chest, nightstand, Gone w/the Wind lamp, swivel rocker, 5 pc. maple kitchen set, 2 brass headboards, Hollywood frames, port. B & W TV, sewing machine, Lafayette radio, Bradford washer, floor & window fans, office equipment, misc. household goods, small appliances.

AUTO — 1980 Honda Accord LX, 5 speed w/a.c., p.s., & other extras, 65,000 miles; auto can be inspected at SAA, Inc., 665 Harleysville Pike, Franconia, PA.

MOWERS — Garden Master self-prop. rotary mower, Craftsman Sup. 12 h.p. Riding Tractor 42" cut, Mighty-Mac 6 h.p. Shredder.

TERMS — CASH; LUNCH.

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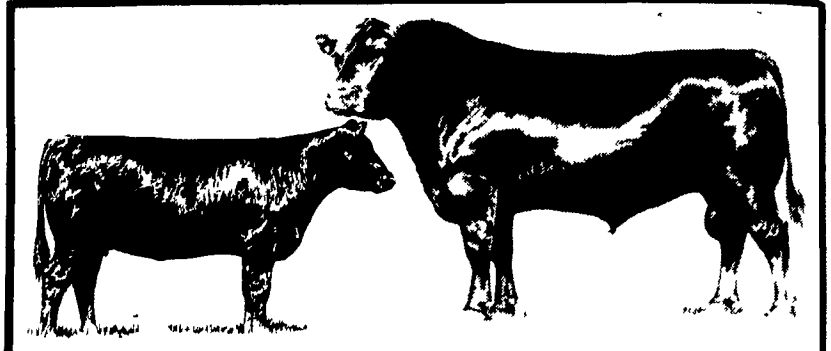

SHORT NOTICE

250 COMMERCIAL HERD 250 COMPLETE BEEF HERD DISPERSAL

SATURDAY, AUGUST 24,1985

11:00 A.M.

Penns Valley Livestock Auction, Centre Hall, PA. (Intersection of Rt. 144 and Rt. 45).

150 Mature Cows; 3 Breeding Bulls; 100 Feeder Calves, Weights from 300-800 lb. Angus, Charolais, Hereford, Simmental, all Crosses.

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ESTATE OF EUGENE BURROWS
ROUTE 26, NORTH PITCHER, NEW YORK
(CHENANGO COUNTY)

SATURDAY, AUGUST 24, 1985

AT 10:00 A.M. SHARP!

Due To The Sale Of The Farm, We Have Been Commissioned To Sell The Cattle & Machinery To Settle The Estate Of Eugene Burrows. DIRECTIONS: Farm Is Located On Rte. 26, Approx. 4 Miles South Of S. Otselic And Approx. 8 Miles North Of Cincinnatus. Watch For Auction Arrows.

146 FREE-STALL-GRADE DAIRY 146

This Free-Stall Herd Consists Of 65 Milch Cows, 25 Fall Bred Heifers, 25 Yearling To Breeding Age Heifers, 25 From Calves To Yearlings. The Herd Is In The Following Lactations Including The Milch Cows And Bred Heifers As Follows: 10 Fresh Cows, 8 Due Aug., 10 Due Sept., 15 Due Oct., 20 Due Nov., 20 Due In Dec. & The Balance In Various Stages Of Lactation. This Free-Stall Dairy Is Mostly Home Raised Consisting Of All Eastern Breeding Using Only The Top Sires & It Shows Well In This Herd For Productions & High Testing Cattle. Several Are Milking Between 60 Lbs. & 80 Lbs. Of Milk Per Day. All Cattle Will Be Vet Examined For Pregnancy, Shipping Fever Shots, Blood & TB Tested Ready For Immediate Interstate Shipment Day Of Sale. The Vet Will Be Writing Interstate Charts The Day Of Sale. All Cattle Must Be Off Premises By Sunday, Aug. 25 Due To The New Owner Moving His Cattle In That Day. It Would Be Appreciated If Truckers Would Also Come To This Sale To Help Get The Cattle Out The Same Day If Possible. We Will Be Milking The Cattle As Soon As They Are Sold.

MACHINERY

(2) JD 4020 Dsl. Tractors W/Year-Round Cabs, One With Standard Shift Trans., One Auto Trans. Both Of These Tractors Are The Late 4020 Models (Good Cond & Good Rubber); JD 3010 Dsl Tractor W/JD 3020 Kit (Good Cond & Good Rubber); Oliver 2050 Dsl Tractor W/Cab, Over-Under Hyd Shift & Weights (Perfect Cond); Cat D-6 Crawler W/Blade; JD 148 Hyd Loader; JD 145 5-Btm Semi-Mounted Plow; Int. 720 5-Btm 18" Auto Spring Reset Plow W/Hyd Side Hill Attachment; JD 10 Bellymount Mower; JD 16' Trans. Harrow (Wing Type); JD 18' Trans. Disc, Wing Type, W/New Front Notch Disc; JD 7000 Plateless Corn Planter W/Liquid Fert. Attachment; JD 870A Tandem Axle Barrel Spreader; JD 716A 3-Btr W/Roof, Self-Unloading Box On JD Heavy Duty Tandem Axle Gear; JD 216 3-Btr W/Roof, Self-Unloading Box On JD 10 Ton Gear; Gehl 920 Self-Unloading Box On Gehl Tandem Axle Running Gear; New Dion 3-Btr W/Roof, Self-Unloading Box On Heavy Duty Tandem Axle Gear; NH 1880 Self-Propelled Hydrostat Chopper W/Cat 3150 Dsl Engine W/New Short Block, Pickup Head & 3-Row (Narrow) Corn Head; NH 1880 Chopper (No Clutch); NH 890 Chopper; NH 880 W/Pickup Head; NH 2-Row Corn Head; NH 469 Haybine; NH256 Rake; NH 23 Hopper Blower; AC Flail Chopper; Pincor 30,000 Watt PTO Generator; Laval Hay & Grain Elevator; 24' Skeleton Elevator; (2) Trailer Field Sprayers; 1500 Gal. Liquid Fert. Storage Tank; Steam Jenny; Brillion Single Row Cultipacker; Metal Gates & Misc. Items. **VEHICLES:** Special-Ford 1980 F600 Deluxe Cab W/Only 33,000 Mi. W/16' Cattle Rack (Show Room Cond); Ford Dump Truck (As Is). **MANAGER'S NOTE: This Is An Excellent Opportunity To Buy Top Free-Stall Cattle Replacements From a Good Dairy Of Cattle. You'll Like What You See Here. The Machinery Is In Good Workable Condition And Well Kept.**

SALE ORDER: Misc. Items-10:00 A.M. Sharp. Machinery-10:30, Cattle At 12:00 Noon. We Will Be Selling By The Number System, So Please Bring Proper ID For A Number. TERMS: Cash Or Good Check, Day Of Sale. Lunch Available.

ROSE BURROWS, ADMINISTRATOR (315) 653-7752
EMPIRE LIVESTOCK MARKETING COOPERATIVE, INC.
SALE MANAGERS AND AUCTIONEERS
JACK WOOD, SOUTHERN N.Y. FARM SALE REP.-607-863-4141

PUBLIC AUCTION
SAT., AUGUST 24, 1985
11 A.M.

COMPLETE LIQUIDATION OF CATTARAUGAS FORD TRACTOR, INC. HINSDALE, N.Y.

Exit 27 off NYS Rt. 17, 6 Miles east of Olean, can see from Rt. 17.

TRACTORS: Fords 8000 w/cab, 3000 w/loader, 741.

IHC: 656 Gas Hydro; 2 Farmall H's; AC 7060 cab & air; JD A; MF 165G; Case 830.

INDUSTRIAL: Ford 4500 tractor loader backhoe; JD 40 Crawler w/blade & winch.

ROLL BACK TRUCKS: 1974 Ford 700 Louisville w/24' Groves; 1974 Ford C700 w/24' JerrDan.

FARM MACHINERY: 9 Balers (1 Hesston 5400 Rounder); 8 Haybines; 10 Forage Harvesters; 4 Forage Wagons; 8 Plows; New Woods Yazoo, sidewinders & Mott mowers; New Hudson Brothers trailers; Some lawn & garden tractors; much more.

TERMS: Cash or good check day of sale.

Forklift for loading

Owner,
CATTARAUGAS FORD TRACTOR, INC.
716-557-2213

Sale By:

Auction **GOODRICH**
AUCTION SERVICE INC.

Rte. 38 & 38B,
Newark Valley, New York 13811
607-642-8688 Lunch Available

FOUR-DAY ESTATE AUCTION
50 YEARS SPECIALIZING IN ANTIQUES
CLARENCE R. HARTLAUB ESTATE
ANTIQUE FURNISHINGS, BRIC-BRAC, HARDWARE, TOOLS, VAN, ETC.
TUES. THRU FRI., AUG. 27 THRU 30, 1985
(all days starting at 9:00 A.M.)

Will have Public auction of the entire inventory at the Decedent's late business/residence of a 45'x87' first-floor sales barn situate 3 miles east of Gettysburg along Route #30 in Straban Township, Adams County, PA.

Consisting of: Cherry, walnut, oak & softwood, nice china closets; cupboards; chests of drawers; dressers; washstands; night stands; writing desks; dropleaf tables; oak roundtop pedestal & dropleaf extension tables; wooden settee; bedsteads; wicker chairs; plank & cane bottom rockers and chairs; large collection of many colors enamelware; picture frames; 1 oil painting; 27"x48" on canvas, W. Richardson, 1872; Marskman Kentucky Rifle & over/under Kentucky Rifle; lot of iron, Brass & Copper items of all kinds; shelves and tables loaded with early china and glass; clocks; old hardware parts; tools; advertising material; woodware; table; ceiling; oil lamps & lamp parts; quilts; linen; doilies; many baskets; tinware; flatware, and many collectibles not mentioned.

VAN- 1976 Chevrolet 20 Series Step Van, 12,000 miles.

NOTE: THIS SALE ROOM IS JAMMED FROM FLOOR TO CEILING WITH MANY THOUSANDS OF FINE COLLECTIBLE ANTIQUE ITEMS.

OIL PAINTING, VAN & GUNS WILL BE SOLD AFTER 1:00 P.M. ON AUGUST 30th.

SALE OF COIN COLLECTION SAME LOCATION SEPTEMBER 13th.-6:00 P.M.

Items in each category above will be offered at each day's auction to the best of Seller's ability.

TERMS: Cash, Travelers or Personal Checks if accompanied by proper letter of recommendation from purchaser's bank.

No inspection until day of sale. Come early.

ADAMS COUNTY NATIONAL BANK,
EXECUTOR OF THE ESTATE OF
CLARENCE R. HARTLAUB, DECEASED

Clair R. Slaybaugh, Auctioneer
Idaville, PA License #856L
Bulleit, Schultz & Thrasher,
Attorneys

MAILBOX MARKET

For Sale - Case 530 triple range tractor, PS, cultivator, wgts, hyd attach, live PTO, 1397 hrs., $3,895 Lehigh Co 215-965-2622

Wanted - 1200 bu Speedy round corn crib, good cond Amos L Beiler Loop Rd, R4, Box 111, Quarryville, PA 17566

For Sale - Complete sets steel wheels for F12, 10 20, and Farmall H Ben Kinsinger, RD1, Box 234A, Meyersdale, PA 15552

For Sale - Baby Lock sewing machine, only used short time Hershey, PA 717-534-1402

For Sale T trailer axles w/5 tires and rims, also 4 extra rims, $100 Berks Co 215-689-5277

For Sale - Rye seed for cover crop, $3/bushel, not cleaned Lanc Co, Elizabethtown 717-367 3335

Wanted Coal stove for shop prefer Riteway Elam F Beiler 152-A N New Holland Rd, Gordonville, PA 17529

For Sale - No rain on Timothy hay At barn $1 35/bale or $75/ton York Co 717-432-9056

For Sale - DeLaval Model 200 units, unit alignment arms, parlor feed dispensers, double 4 parlor, flo-vu claws Franklin Co 717-264 3814

For Sale Stackable Favorate rabbit cages, bottles, feed, $30 York Co 717-428-3564

For Sale - Wheel horse 12HP automatic hydraulic lift $1,200 Wheel horse C1418SP 42 cut $1 500 York Co 717 741 2215

For Sale School desks Slate black boards York Co 717-235-1764

For Sale - Set of rubber rolls for NI 323 picker, all new rubber Lanc Co 717-397-5317

For Sale - BEST OFFER 36'x66' siding removed Many oak beams to 36' length Near Centerport, Berks Co 215-777-2310

For Sale - Vizsla bird dog, AKC female, 5 yrs, trained on pheasant Trial here Franklin Co 717-328-3869 after 5 30PM

For Sale - For JD 4440 WFE, $750, rebuilt engine, $6,500 18 4x38 acle duals, $900. Eves 717-292-4245

For Sale - Uni-system 708 tractor, 717 combine, 741 feeder house, 713 grain head, 737 husking bed Franklin Co 717-762-1688

For Sale - Purebred English Angora rabbits and Nubian doe goats, ewe sheep mixed; Suffolk crossbred lambs Chester Co 215-793-2447

For Sale - Bundled 8' length hardwood slabs and also round firewood, reasonable price Huntingdon Co 814-448-3209.

For Sale - Hybrid Hardy water lillies, 5 different colors, 1"x6"x10' oak boards, cured 3½ yrs 717-267-7846

For Sale - Cover crop rye, $4 bushel Seed wheat from Registered stock, $4 bushel, cleaned $5 bushel Lanc Co 717-354-0327

For Sale - Four lug 8½" wide 38 dia pully $50 Alner Glick, Smithville Rd, RD1 Box 270, New Providence, 17560

For Sale Surge Alamo 30 plus VC pump w/oil reclaimer, $125 Daniel M King, R1, Box 100, Morgantown, PA 19543

For Sale - AKC breeding stock. Alaskan Malamute Pekinese, all proven males and females Lanc Co 717-656-9876

For Sale - Cooking stoves, also room heaters William S Martin, RD1, Box 387, New Holland, PA 17557

For Sale - Sawed locust posts; 1"-1¼" thick, 6-16' long fence boards, calf hutches; Honda products Lanc Co 717-442-8972

For Sale - H Farmall Tractor, good condition, good rubber and running order 717-933-8167 after 5PM

For Sale - JD 1R potato digger, level bed, 26", $500. 2 wheel farm trail, 14'x7', $250 Sch Co. 717-386-4202.

For Sale - Purebred Charolais bulls & heifers, $375. Get into the Charolais business Affordable Price After 6PM, 717-724-3809

For Sale - NH Super 717 harvester, 1000 PTO, 2RN head, A1 cond. Lanc Co 717-354-9584

For Sale - Reg Holstein bull, 16 mos, sire SWD Valiant. Dam EX Milu 305d 24,042M 1104F, $700 Berks Co 717-933-8403

For Sale - New Vicon wheel rake, 6 wheels, pull type, $1,100 Lanc Co 717-656-2615

Wanted - 2 good used wire corn cribs, 30-36' corn hay elevator Stephen Fisher, 703 Hickory Hill Rd, Oxford, PA 19363

For Sale - JD G Recently overhauled, one owner, has live PTO and loader No Reasonable Offer Refused Clearfield Co 814-345-5981

For Sale - JD & McDeering corn binder & parts Westmoreland Co Box 1008, RD1, Ruffs Dale, PA 15679.

For Sale - Camper for pick-up, 8' equipped w/gas stove (2 burner), heater, gas-electric refrigerator, sleeps 4 New Castle Co 302-834-7143

For Sale - IH 227 corn head and Lockwood potato bulk box. Lehigh Co 215-767-2234

Notice - FREE 2 used chest freezers Marlin Fahnestock, RD2, Box 9, Manheim, PA 17545 Lanc. Co. 717-665-3442

For Sale - GT Grain Dryer Model 370, used approx 2 yrs., $4,500. Best Offer Northampton Co After 7PM 215-759-2149

PUBLIC SALE
OF TRACTORS, TRUCK FARM EQUIPMENT, TOOLS ANTIQUES, HOUSEHOLD GOODS
THUR., AUG. 29, 1985
AT 11:00 A.M.

Loc. 2300 Rice Road, Lancaster Twp., PA (Dir: Off Millersville Rd. between Millersville & New Danville, near Outdoor World.)

TRACTORS: Farmall Super C w/hyd. manure loader, bucket & sickle mower (w/chains). I.H. #3444 w/hyd. bucket scoop & back cement weight. J.D. #650 diesel 4 wheel drive w/hyd. 2 pt. hook-up & hyd. snow plow. **TRUCK:** 1971 Chevy Viking #60 dump truck. 1978 Dodge pick-up truck-straight stick. **FARM EQUIP.:** I.H. 570 hyd. manure spreader w/P.T.O. & dual wheels, J.D. #709 bush hog w/2 pt. hook-up & P.T.O., J.D. baler w/P.T.O., 8 cu.' Wilkomi cement mixer w/3 pt. hook-up & P.T.O. Pioneer 12,000 Watt port. generator w/P.T.O., J.D. #80 2 row corn planter w/2 pt. hook-up., N.H. #707 sing. row corn harvester w/P.T.O., 3 sect. spring harrow, 28 disk harrow, 9 ft. cultipacker, 2 pt. chisel plow, 2 pt. row marker, Wood's magnet hopper, Cardinal Chor-Boy 16' grain elevator, 24' hay elevator w/elec. motor, 45' grain auger w/Dayton elec. motor, 275 gal. skid gas tank w/hand pump, Stihl SG 17 gas mist blower, N.H. #12 antique hammer mill, 6' snow blade, flat bed wagon w/side boards, circular buck saw, roller, walking plow, tractor pulleys, galv. Pride hog feeders, bales of straw. TOOLS: Wood: 36' ext. ladder & bag wagon, metal wheel barrow w/rubber tire. Elec.: Table saw, Stanley & Craftsman ½" elec. drill, vib. sander, motors (½HP, 3/4 HP, 1 HP), bench grinder, port. air comp., shop-vac., #2 Barrett bldg. jacks, etc. Log chains, planes, forks, rakes, shovels, torches, staple guns, saws, squares, crow bars, pipe threader, brace & bits, hammers, augers, etc. Scrap iron. Lots of other hardware, hand & garden tools not mentioned. Seasoned walnut (10' by various thicknesses), planks, tobacco scaffolding, etc. Plywood. Model T transmission & old headlights.

FURNITURE: Walnut: 4 pc. bedrm. suite w/mattress, lg. conference table & Vict. caned rocker. Pine: Lg. turned clothes racks, dbl. lid wood box, kitch. cupboard, feed chest, quilt rack, meat bench & doll crib. Mahg. tier table. Marble washbowl & washstand top. Uph. chairs. Flat trunk. Frames. Old hanging light (complete), table lights, etc. Baskets. Jugs, crocks. Lanc. bottles incl. J. Casper, Kiehl & Keefer, W.C. Chamberlin min. water, etc. Wire top jars. Old telephone. Doll trunk. Iron: Chunk stove, coal heatrola, old hinges & German locks, hog troughs, Beam scales, skillets, trammel. Corn dryer. Milk cans. Wire egg baskets. Tin lanterns. Wooden: Lg. Sensenig airplane propeller, slaw cutter, keg, wheat cradle, hand wringer, pulleys, chicken crates. Misc. glassware & china. Pots & pans, utensils. Planters in McCoy, Weller, etc. Cameras. Books. 13'x13' rug. APPLIANCES: Coldspot 2 dr. refrig. (FF), elec. fan, hydraulic bathtub hoist. **Other articles not mentioned. No out of state checks. Not responsible for accidents. Food served.**

Sale by
JAMES P. KENDIG,
Sr. Estate
Commonwealth Nat'l Bank, Exec.
JAMES P. KENDIG,
Jr. Exec.
RUTH N. KENDIG,
Exec.

K.L. Shirk, Jr. Atty.
Howard Shaub 464-3541
& Roy C. Probst
Auctioneers (AU-000831-L)

IMPORTANT 2-DAY UNRESERVED AUCTION
OF THE ANTIQUE COLLECTION OF CLARA M. BRENNER OF WEST EARL TWP., LANC CO.
Including over 1,090 Lots of Antique China, Glassware, Furniture, Clocks, Lamps, Primitives, Textiles, and Post Cards

FRIDAY, AUGUST 23, 1985, 9:00 A.M.
SATURDAY, AUGUST 24, 1985, 9:00 A.M.

To be held at the Farmersville Fire Hall, East Farmersville Rd., Ephrata R.D.#4, Farmersville, Lanc. Co.; Complete Catalogue available by mailing $6.50 to C.E. Spohn, c/o Brenner Auction, 837-B W. Main St., Ephrata, Pa. 17522.

RARE 18TH CENT. JOHANN CHRISTOPHER HEYNE, LANC. PEWTER COV. SUGAR BOWL; RARE "WM. FRASER, NEW EPHRATA, LANC. CO., PA." 8-DAY GRANDFATHERS CLOCK; 18th Cent. "Daniel Perrin, Amsterdam" 8-Day Grandfathers Clock; 8-Day Grandfathers Clock in fine Chippendale Case; Misc. China, Shelf & Wall Clocks; Lamp Collection including: Gone-With-The Wind, MIN., Hanging, "Simon Shissler, Lanc." Cigar Advertising Lamp, etc.; Vict. Sofas, Loveseats, Gentleman's & Ladies Chairs; Marble Top Sideboards, Tables, Hall Rack & Washstand; Fine Walnut Ren. Revival Extension Table (opens to 16½'); French Curio Cabinet; Misc. Oak Furniture; QUEEN ANNE CANDLESTAND w/SNAKE FEET & BIRDCAGE; Sheraton Bow Front Bureau; Hepplewhite, Tiger Maple & Sheraton Basin Stands; 2 Federal Canopy Beds; 2 Cannonball Beds; Drop Front Empire Desk; Walnut Farm Table; Dry Sinks; Blanket Chests; Flour Chest; Jelly Cupboards; Corner Cupboard; OVER 200 LOTS OF GLASSWARE - COBALT BLUE STIEGEL DIAMOND QUILTED CREAMER; MISC. Pressed & Pattern Glass; Milk White; Cut Glass; Castor Sets; Opalescent; End-of-Day; Amberina; Satin Glass; Mary Gregory Min. Lamp & Vase; Collection of over 75 Milk White Eggs; OVER 190 OF CHINA - Tea Leaf Lustre; Late Adams Rose; Wood's "English Scenery"; German, Bavarian, Nippon & Limoge China; "H.L. Keith, Brownstown" AD Plates; Dresden; Bisque Figurines; Majolica; Child's Mugs - "Franklin's Maxims", etc.; Copper & Sunderland Lustre; Silver Resist Cup; Soft Paste Masonic Plate; LG Masonic Liverpool Bowl (Rep.); Misc. Staffordshire & Transfer Dec. Ironstone; Lg. Leeds Bowl; Delft Inkwell & Jardinere Stand; 7 PCS "Etruria, Mellor & Co." Wash Bowl & Pitcher Set; RARE 8PCS DEC. Ironstone Wash Bowl & Pitcher Set w/Matching Child's Wash Bowl & Pitcher; RARE SHENANDOAH VALLEY SLIP DEC. STONEWARE WASH BOWL & PITCHER; RARE 15 PCS "Mettlach" Punch Bowl Set; TEXTILES & ACCESSORIES - Buttons; PRES. BEN HARRISON CAMPAIGN WALKING STICK; Ladies Antique Clothing including Dresses, Purses, Petticoats, Hats, etc.; Lap Robes; Lanc. Co. Quilts; Samplers; Linen Show Towel; COLLECTION OF OVER 1800 ANTIQUE POST CARDS - Embossed, Silks, Greeting, Holiday, Santa Clause, many Lanc. Co. & Penna.; Over 300 Stereoscope Cards (Pa. Central R.R., etc.); Mombert's 1869 "Hist. of Lanc. Co."; Misc. Tinware, Iron, Copper & Brass, including Kettles, Sleigh Bells, Sewing Birds, etc.; Baskets; Woodenware; FINE CLARKS 2-DRAWER SPOOL CABINET w/ORIG. THREAD; "U.S. Model 1884 Springfield" Rifle; Collection of 120 Porcelain & Sandwich Nails & Nail Covers; Currier & Ives Prints; 1888 Oil Painting by Burr H. Nicholls; R.M. Shank Painting "The Late Late Trolley" (Lititz); and many items too numerous to mention.

Terms by
CATHERINE & ALFRED RETTEW,
P.O.A. for Clara M. Brenner

Auctioneers:
T. Glenn Horst, 717-859-1331 AU-000438-L
Timothy G. Horst, 717-738-1245 AU-001767-L

Catalogue by:
Clarence E. Spohn (717-733-6276, After 10 P.M.)

MAILBOX MARKET

Wanted - Two row belt corn head to fit Fox 21, 22 or 2300 forage harvester Berks Co. 215-944-9276

For Sale - 1953 Dodge army power wagon, 4WD, extra parts, $1,950 Maytag wringer washer, $50. Schuylkill Co. 717-345-8179.

For Sale - 40x70 block & frame building, galvanized roof to be removed by Sept. 5 Best Offer! Franklin Co. 717-352-3673

For Sale - Amish buggy w/hyd. brakes and good condition. Paul Beiler, Stoney Hill Rd., RD3, Quarryville, PA 17566 Lanc Co

For Sale - Rye seed Cleaned & bagged, $7 50&hundred. Monroe Co 717-629-0777

For Sale - 3 large Holstein fresh heifers w/health charts. Also 3000 lb mixed and alfalfa hay. Monroe Co 215-381-3766.

For Sale - MH 30 w/mower, corn planter, 1200 loader, Int. 560 backhoe, 3800. Lycoming. 717-546-8944.

Wanted - Good used water medicater for rabbits Also feeders Benuel K Fisher, 141A Queen Rd, Gordonville, PA 17529

For Sale - Cleaned rye seed, ear corn, and green tomatoes. Charles Adams, Jr., RD1, Box 135A, Drumore, PA 17518

For Sale - 5,000 tob lath, $10 per 100. Evan Eberly RD1, Box 447, Narvon, PA 17555. Lanc. Co

For Sale - Peafowl, Mini-Lop rabbits w/papers, Dutch & Dwarf rabbits. All sizes Assorted ducks & geese. York Co 717-755-1745.

For Sale - Gehl CB600 Forage Harvester w/2R corn head & hay head, good cond Berks Co 215-944-9276

For Sale - Single chain Badger SP feeder & conveyor. For Sale - Fox blower, like new Lanc Co. 717-665-3865.

For Sale - AC D19 gas engine, same block as diesel, good cond Also fits Gleaner C2 combine Berks Co. 215-944-9276

For Sale - 8 yr old Sorrel saddlebred mare, ready Benj. B. Fisher, 409 S Groffdale Rd., Gordonville, PA 17529

For Sale - IH 45 baler good condition, always stored inside. Ready to bale $250 Lehigh Co 215-298-2456 after 6PM

For Sale - Hay wagon, 16' long w/8' high sides, used 5 yrs., good condition, $600 cash Chester Co 215-827-7125

Notice - Herd Dispersal Registered Purebred and American Nubian Goats Bucks, Milkers and Kids, Longman Montgomery Co. After 5PM, 215-489-4480.

For Sale - NI 710 combine & 730 4RW corn head, new condition Balto Co 301-922-5180

For Sale - JD 4010 wide fron, $5,500 Hesston PT10 mower, $1,000 NH round baler, $4,000 Berks Co 215-689-9168.

For Sale - Male and female Am Staf Terriers, produce beautiful strong pups 301-264-3770 eves

For Sale - Ear corn, $85. Stepup Bumber for Ford pickup, $45. 36" rubber mounted born fan, $125 South Leb. 717-272-0041

For Sale - Hardware, nuts, bolts & washers, 10 cents-40 cents/lb. Large quantities welcome Others by the piece. Fulton Co 717-987-3732

For Sale - 1 pr. IH corn pickers has wide elevator, $995. Corn drag, $275; NH 455 trailor mower, $750 717-354-0266.

For Sale - IH vineyard spreader to W behind, $85, 48" mower for AC G, $135 Atlantic Co, NJ 609-965-2413

For Sale - 5SP bicycle, excellent, 5" hydraulic cylinder from 6 ton hoist Oliver 10'3" transport disc Berks Co 215-367-7256

For Sale - AKC collie puppies, sable & white Also 3 hog troughs, cast iron. Lanc Co 717-733-8770.

For Sale - 3RN corn head for MF 410 combine, not quick attach Berks Co 215-683-6321

For Sale - JD 45 loader for parts 3010 mounts hydraulic bucked, good cylinders York Co 717-225-1855

For Sale - 6 hydraulic motors, 1 punch, 4 control valves 2-8'w'7'h wood overhead doors, $25 ea Lanc Co 717-354-9368

Wanted - Old farm toys, especially JD, NH and pedal tractors. Lanc Co 717-354-9127

Wanted - 6' Brady fodder chopper Grain drill to sow alfalfa Amos Lapp, 100 Conner Rd., Oxford, PA 19363 Chester Co

For Sale - Registered Romney lambs, excellent bloodlines and fleeces, Registered Perendale ram lamb, meaty body w/soft fleece. Chester Co 215-942-4091.

For Sale - Service age Yorkshire boar, $150 717-656-9766

For Sale - Farmall A w/hydraulic cultivators; implements for Cub A and AV, Olvier 3-16" plow, grain drill Salem Co 609-358-8625

For Sale - NI #10 corn picker, $850 IN 50 high clearence chisel plow, 10 chisels w/cylinder, $2,200 Northumberland Co 717-286-1993

For Sale - Single row corn head and pickup head for #6 JD forage harvester, good condition. 717-244-6809

For Sale - Purebred Hereford bull, has horns, $500 Adams Co 717-334-5966

For Sale - 125 Bu select Tyler wheat, cleaned and bagged, $5.50 bu and bags 717-933-5370

For Sale - Nice saddlebred horse, rides and drives, PTO powered winch wanted David Beiler, 58 Witmer Rd., Lancaster, PA 17602.

For Sale - Firewood cut split, 4 cord Cherry lumber and saw lowest post 8' long 717-532-6619.

For Sale - Sewing machine cabinet w/4 drawers, $95 Approx 100 board feet of walnut boards, dry, $1.50. Lanc. Co. 215-445-5969

For Sale - 28' Skeleton hay elevator without motor, $150. Wanted - Rear unlocking Farmhand wagon box. No Sunday Calls Leb Co 215-589-4641

LEE D. DOCKEY AUCTIONEER
ESTATE LIQUIDATOR APPRAISER
Box 164 Pillow, Pa 17080
Phone 758 6004

GUN AUCTION

WED., SEPTEMBER 11, 1985

6:00 P.M.

Location: Shamokin Dam, Pennsylvania, 1 Mile North of Routes 11 & 15, Turn Onto 11th Street at Phillips Motel.

Will be selling the Gun Collection of the late James K. Miller to the highest bidder.

40 SHOTGUNS & RIFLES

Such as: Miquel Larranaga Double Barrel Hammer, Ruger M77, Winchester Model 101, Browning Lever Action BBR, Ithaca Model 500, Remington Model 700, Vanguard by Weatherby, Savage Model 333, Remington Model 6, Savage Model 550, Marlin Model 49DL, Remington Model 7, Theodore Roosevelt Comm. Winchester Model 94, Remington Fieldmaster Model 572, Winchester Model 250, Ithaca Model 66, Remington Fieldmaster Model 572, Ithaca Model 37, Remington Wingmaster Model 870, H & R Plainsman Model 865, Winchester Model 64, Winchester Model 37A, Savage Model 94, Etc.

23 HANDGUNS

Such as: Ruger New Model Blackhawk, Reproduction Navy Model Revolver, Thompson 357 Mag., Colt 1863-1963 Arizona Territorial Comm., Jennings Model J22, Ruger Single-6, High Standard Victor 22LR, H & R Sportsman Model 999, Colt New Frontier Buntline, Ruger Mark 1 Automatic Pistol, Ruger Security-6, Sturm, Ruger & Co. Ruger Bearcat Revolver, Etc.

MISC. ITEMS

(4) Gun Cabinets and a Large Selection of Ammunition, Holsters, Scopes, Etc.

All of the shotguns and rifles have never been fired and the majority of the hand guns have never been fired.

Guns are not on premises; they can be seen day of sale only from 4:00 to 6:00 P.M.

All federal-state-local firearms laws will be observed. A federal firearms dealer will be on premises - Hill Top Sports Supply, Located 3 Miles East of Gratz, Pennsylvania, on Route 25. FOR COMPLETE LISTING OF GUNS SEND NAME, ADDRESS AND STAMP TO AUCTIONEER.

TERMS: CASH. PERSONAL CHECKS ACCEPTED ONLY FROM PERSONS HAVING AN ESTABLISHED ACCOUNT WITH AUCTIONEER OR APPROVAL PRIOR TO DAY OF SALE.

DOROTHY L. MILLER, OWNER

Lee D. Dockey,
Auctioneer-Estate Liquidator
Appraiser
Box 164, Pillow, PA 17080
Phone: 717-758-6004
Auctioneers: Dockey #AU229L,
Dockey #AU1683L & Deppen #AU1957L

CHARLES B. KOHR ESTATE

PUBLIC SALE

REAL ESTATE
1967 FORD PICKUP TRUCK, DYNAMARK 8 HP RIDING MOWER, PERSONAL PROPERTY, EDWARDS GAS ENGINE, TOOLS

WED., AUG. 21, 1985

4:00 P.M.

REAL ESTATE-6:00 P.M.

LOCATION: APPROX. 25 miles north of Lancaster in the VILLAGE OF MT. AETNA ALONG RT. 501, JUST NORTH OF THE SQUARE.

REAL ESTATE: Situated On A Lot With 66 Foot Frontage And A Depth Of 198 Feet, A 12'x60' Caravelle Mobile Home With 3 Bedrooms, Kitchen, Living Room And Bath. Kitchen Has Harvest Gold Gibson Refrigerator And Tappan Bottled Gas 30" Range. Concrete Block Basement With Full Concrete Floor. Oil Fired Hot Air Heating system. In Addition To A 10'x18' Concrete Porch. The Property Has A Drilled Well, Spetic Tank with Drain Field And A 1,000 Gallon Underground Oil Tank.....

For An Appointment To See This Property Please Call Richard Kohr At 866-5539 After 5:00 P.M.

Terms Of Sale On Real Estate: 10% Down Payment On Sale Day With Balance in 45 Days.

PERSONAL PROPERTY: 1967 Ford ½ ton pickup w/V8 engine, standard trans.; Dynamark 8HP riding mower (36 in. cut); Edwards gas engine on cart; asst. horse and pony harness; single trees; 3 horse saddles; Hahn Eclipse mower; lawn seeder; tree trimmer; sawhorses; gas cans; digging irons; hand and garden tools; bag wagon; used lumber; step ladder; Gibson frost-free upright freezer (like new); Philco color console TV; kitchen table w/4 chairs; Hotpoint auto. washer; 4 pc. bedroom suite; 2 chests of drawers; knee-hole desk & chair; gooseneck rocker; uphol. sofa & chair; end & coffee tables; metal shelf unit; 2 utility cabinets; tool chest; clothes hamper; Electrolux vacuum; bed linens; arrowheads; old calendars; ice cream dipper; cow bells; small kitchen appliances; electric fan; small kerosene light; canner; roaster; asst. dishes; pots; pans; flatware; asst. kitchen utensils; many other items.

Terms: Cash. No out of state checks.

CONDITIONS BY:
RICHARD KOHR, Executor

ATTORNEYS:
Steiner & Sandoe
AUCTIONEER:
David Risser
#AU-001071-L
Phone: 866-6873

Refreshments available from Women of St. John's UCC

AUCTION SALE

TRUSTEE SALE IN BANKRUPTCY CASE NO 85 02900
ROBERT H OBRINGER ESQ TRUSTEE

SEWING PLANT

WED., AUGUST 21, 1985 - 10 A.M.

ON PREMISES

SALEM SPORTSWEAR INC.

13-15 WALNUT ST., SALEM, N.J.

150 SEWING MACHINES, CUTTING MACHINES, BOILER

11 Safety Stitch Machines, 2 Con Sew Split Needle Machines, 2 Reece Buttonholers, 9 Blind Stitch Machines, 5 Overlock Stitch Machines, 4 175 Singer Button Machines, 105 - 220 3 Phase Sgle Needle Machines Pinking & Ruffle Machines, Shurring and Fusing Machines, Knife Machines Cutting Tables, 2 Hoffman Pressing Machines, 1 Fulton Model 30E Steam Pressing Boiler, Vacuum Pump for Irons Hand Irons, Round Blade Cutting Machine, Up/Down Cutting Machines Hand Iron Bucks Misc Machine Needles & Parts Bus Rail Lines, Brunner Model 10DH3 1 H P Air Compressor

LIGHT FIXTURES, OFFICE FURNITURE, RACKS, BINS

123 Suspended 4' & 8' 2 4 Tube Fluorescent Fixtures, 325 12x24 & 14x48 Metal Operator Bins 100 Operating Chairs Pedestal Fans, 35 Rolling Dress Racks 5' & 8' Ladders, 4 Dr File Cabinets, Olivetti Typewriter Monroe Calculators Check Writer, Office Desks, Lunch Room Tables & Chairs, Savin Copier Air Conditioners 1 Carrier 3ph 1HP Model 50N19 719 Central Air Unit

TERMS CASH OR GUARANTEED FUNDS
COMPLETE PAYMENT DAY OF SALE
INSPECTION TUESDAY AUGUST 20 10 A M to 3 P M

PA AUCTIONEERS LICENSE NO AU000175L

Wm. F. COMLY & SON INC.
1825 E. BOSTON AVE., PHILA., PA.
(215) 634-2500

FOLTZ AUCTIONS INC.

AUCTION

SATURDAY, AUGUST 24, 1985

10:00 A.M.

4 DRAFT HORSES; 2 HORSE WAGON; HARNESS, COLLARS, ETC.; 3 TRACTORS; FARM MACHINERY (TRACTOR AND HORSE DRAWN); HOUSEHOLD FURNISHINGS AND MISC.

Located in the Calvary Section of Shenandoah County off Rt. 42, approx. 3 miles West of Woodstock, Va., I-81, Exit 72. Watch for sign at private road on the left past Shirley's Corner Grocery.

Having discontinued farming and sold our farm, we must dispose of the following:

HORSES: Dick - 10 yr. old 1800 lb. Bay Gelding, Flica - 6 yr. old 1700 lb. Sorrel Mare, Nell - 3 yr. old 1600 lb. Grey Mare and pet - 3 yr. old 1600 lb. Bay Mare (weights are approximate). Dick and Flicka have been used for farm work. The 3 yr. olds have been hitched and worked. 2 sets Breeching harness; 2 sets Lead harness; 8 collars, 1-25", 2-24", 3-23", 1-22", 1-20"; 2 sets check lines; 4 extra sets hames, bridles, bits, single lines, lead reins, trace chains, halters, single and dbl. trees, "G" sticks, etc.; Farrier's box and tools; 2 Horse Wagon, complete w/bed, exc. cond.; Int. horse mower on rubber; McCormick-Deering riding cultivators; 2 section drag harrow; 2 Oliver 40 barshare plows; 3 triple shovel plows; 7 tooth scratcher; hay tedder; Van Brundt 10 spout disc drill; J.D. 999 dbl. disc corn planter; New Idea horse manure spreader; spring tooth harrow.

Massey Harris 44 tractor, original owner and 2 Super C Farmall tractors (tractors in good cond.); Super C mower, cultivators, front mtd. blade and 2 bottom plows; New Idea side delivery rake, 4 bar; 2 - 8 ft. tandem discs; Brillion 10 ft. pulverizer; Oliver Radex trailer plows; New Idea 7 ft. trailer mower; McCormick-Deering pto corn binder; Case 133 pto baler; Allis Chalmers hay conditioner; Rosenthal 4 wheeled corn shucker; 6 ft. Case combine, pull type w/bin, Wisconsin engine; 2-16 ft. flat bed rubber tired wagons; 20 ft. grain auger; 16 ft. Case hay elevator; Fairbanks Morris Hammermill; New Idea corn sheller; front mtd. wood saw; wheat fan; 60 ft. endless rubber belt; 8 hole hog feeder; 275 gal. storage tank on runners; one man cross-cut saw; pitch forks; hay forks; hay hooks; ear tag machine; 1" plastic pipe; grass seed (timothy and clover).

Montg. Ward kitchen range (1940 model) w/warming closets and reservoir, perf. cond.; dining room suite - ext. table, 6 chairs, china closet, buffet and server; bedroom suite - dbl. bed, nightstand, chifferobe and dresser; vanity and bench; dbl. maple bed; rockers; stand table; Philco cabinet model radio-record player; records; glass churn; cream cans; water separator; milk buckets and strainer; 10 gal. stone jar; ½ gal crocks; splint baskets; National pressure canner; 2 stone chicken waterers; 3 butcher kettles w/stands; 2 gal. Enterprise stuffer; No. 12 Enterprise grinder; hog hooks, scrapers, flesh fork, dippers, skimmers; 3 cedar tubs; 30 gal. applebutter kettle w/stand; numerous misc. household and farm related items.

Terms: Cash.

Lunch will be available. Not responsible in case of accidents on the premises.

BILL AND ELEANOR COOLEY
Rt. 1, Woodstock, Va. 22664
703-459-3198

Auctioneers: Burdette Foltz
Joe Foltz
Edinburg, Va. (703) 984-4245

MAILBOX MARKET

Notice - Free for removal, 10x40 wooden silo, good chute, doors, hoops & some stones. North'd Co 717-758-4631.

Wanted - 8 milk-o-meter brackets. For Sale - 2 clay variable flow feed meters, 40 metal water bowls. Lebanon 717-273-5352

Wanted Bed transplanter, 5 or 6R Also seed cleaner, washing machine type. Sussex Co , NJ 201-875-5218

To be sold at Good's Auction Wed , Aug 21, 6 ton bulk bin.

Wanted - Good used farrowing equip. Crates-Hog Feeders. Harry Troyer, R2, Box 68, Norfolk, NY St. Lorance Co

For Sale Ag Star 24'x50 veal barn, room for 90 calves. Lanc Co 717-738-1028.

For Rent - Lititz Area Large box stalls in new barn. Pasture. Boarding horses and ponies 717-274-3766

For Sale - Used Oliver Model 5 1R cornpicker. Mervin Daugherty, RD2, Felton, PA 17322 York Co , 717-244-3666

Wanted - Used 770 or 782 Harvester. In good condition. Berks Co , 215-944-0636.

For Sale [illegible] orbit milkers w/alternating pulsation control, and 20 stall cocks 814-443-4971 Somerset Co

For Sale - 67 Acres, secluded woodland at end of 1½ mile lane in Potter Co. w/very nice triler 717 437-3352.

For Sale - AKC Cocker Spaniel pups, Buff. $80 Lanc. Co , 215-445-4083

For Sale - Used Miller disc blades, 16 front 22" 15 rear 23" and Cat D6 9U engine Blair Co , 814-793-2464.

For Sale [illegible] Feed box 1700 lbs cap. Wooden steel reenforced divider. L8', W38", H32". Chester Co , 215-857-9316

For Sale Crawler Loader A C HD11G, $5,000 1977 25½' Cuddy-Cabin, Fishing Boat w/Trailer, $10,000 Eves , 717-624-8512 Adams Co

For Sale - Backhoe, JD 3010 Diesel, 6' bucket on frontend loader. 17' Backhoe w/18" bucket $6500. Northampton, 215-262-9776

For Sale - AC KL335 Corn Head, good condition, $900. Lehigh Co., 215-434-3722 or 215-767-3293 after 5 p.m.

For Sale - Vulcan commercial gas double oven 30 qt. Heavy Duty Mixer Bread Proofer. Dauphin Co , 717-533-3031.

For Sale Reg Morgan weanlings, show quality, excellent bloodlines, chestnut filly & bay stud colt Reasonably priced 717-949-2413 eves

For Sale - 3 Axle 5th Wheel Lowbed trailer 33' deck, hyd beaver tail, $3700 301-287-5277 Cecil Co , MD

PUBLIC AUCTION

SAT., AUGUST 24, 1985

at 9:00 A.M.

Along Hooflander Road between Klingerstown & Mandata; from Rt. 225 in Mandata turn East between Hotel & Store, go through the Village of Urban, continue East to Sale; approx. 18 miles South of Sunbury; 45 miles North of Harrisburg.

FARM EQUIPMENT & TOOLS

Oliver H-G Crawler; Farmall H Tractor; Trailer Plows; 2-Row Corn Planter; Disk; Harrow; Reapers; Dump Rake; PTO Tree Sprayer; Manure Spreader; Burr Grinder; Hammer Mill; Scorer; Single Row Cultivators; Horse Plow; Small Farm Trailers; Manual Cider Press; Cornsheller; Single Trees; Egg Baskets; Grindstone; Wheelbarrow; Lg. Building Jacks; Toro Electric Chain Saw; Garden Tools; Ladders; Jacks; Grease Guns; Wrecker Boom; New & Used Wrenches; Wood Lathe; Lot Carpenter Tools; Buzz Saw; Blacksmith Forge; Post-type Drill Press; Electrical Supplies; Metal Storage Bin & Shelves; Scalding Trough; Meat Bench; Grinders; Sausage Stuffers; Electric Meat Saw; Meat Hooks some w/Rollers, etc.; Lot Scrap Iron.

ANTIQUES & COLLECTIBLES

Rope Bed; Trunks; Washstands; Library Table; Chest of Drawers; Drop-leaf Table, Beds, Chairs & Rocker in OAK; Kitchen Cabinet; Treadle Sewing Machine; Wooden Benches; Miners Hats, Lights, Battery Charger, Carbide Lights, Bits, Picks, etc.; Auto Horn other Auto Parts, License Plates, etc.; Lanterns; Ice Tongs; Cast Iron Seat; Souvenir Items; 3-Prong Forks; Cider Spigots; Wooden Barrels & Kegs; Bear Bank; Peanut Jar; Jardiniere; Alcohol Light; Avon & other Bottles; 1-gal. to 30-gal. CROCKS; Jugs; Potato Riser; Slaw Cutter; Butter Churn; Huckster Scale; Mounted Deer Head; (2) Butcher Kettles; Forks & Ladles; Wooden Lard Press; Wooden Tubs & Benches; Deerfield Straw Cutter; Hand Pump; etc.

COINS including; V-Nickels, Silver Quarters & Halves, Silver Certificates.

GUNS including: KENTUCKY RIFLE w/Patch Box signed J.W. Lancaster, Pa.; Kentucky Over/Under Rifle & Shot Gun w/Patch Box; Model 42 Winchester 410 Ga.; Model 97 Win. 12 Ga.; Model 94 Win. 30-30; 1917 Enfield Win. 30-06; MIA Springfield 308 Natl. Match; MI Grand 30-06; (2) Model 92, 25-20 one round & one Oct. Barrel; Model 95 Win. 38-72 Oct. Barrel; Model 73 Win. 38-40 Oct. Barrel; Springfield 50-70 Rifle; 8 MM Rifle; Model 335 Stevenson 12 Ga. D.B.; Model 103-2 Ranger 22 Cal. w/Clip.

AUTOS including; 1936 CHEVROLET 2-DOOR SEDAN; 1948 CHEV. 5-PASSENGER STYLEMASTER COUPE; 1970 Chev. Pick-up w/Camper Top; V-W for Parts; Scorpion 400 Snowmobile.

HOUSEHOLD FURNISHINGS

Kitchen Coal Stove; Buffet; 5-Pc. Waterfall Bedroom Suite; Metal Wardrobes; Utility Cabinets; Beds; Dressers; Chest-type Freezer; RCA Portable TV; Electric Sewing Machine; Occasional Chairs; Bookshelf; Vacuum Cleaner; Hampers; Bar Stools; Gun Rack; Highchair; Playpen; Metal Crib Bed; Clothes Tree; Flatware; Dinnerware; other Dishes & Cooking Utensils; Lot Scissors & Butcher Knives; Wringer Washer; Phonograph; lot Records & Tapes; Cameras; Portable Typewriter; Sewing Supplies; Yard Goods, etc.; Rugs; Aluminum Storm Windows; Vanity Top; Bath Tub; (2) Hot Air Furnaces; Hot Water Heater CB Base & Antenna; TV Tower & Antenna; Fishing Equipment; many other items not listed.

Note: Farm Equipment & Tools will be sold first. Autos & Guns at 1:00 P.M. Inspection the day of sale.

Owners,

ALBERT & ANNA HOLLENBACH

DEIBERT Mike,
Auctioneer AU1599-L
George, Realtor & Auctioneer,
AU209-L
(717) 425-3313 **Lunch Available**

PUBLIC AUCTION

OF REAL ESTATE PERSONAL PROPERTY TOOLS-CARS-EQUIPMENT

SAT., AUGUST 24, 1985

at 10:00 A.M.
RD1, New Providence, PA

Located in New Providence Twp., approx. 9 mi. south of Lancaster. From Rt. 272 turn east on Fairview School Rd. (near R&J Arco Gas & Groceries) approx. ½ mi. to driveway on right. Property is at end of drive on top of hill.

REAL ESTATE consists of a tract of land approx. ¾ acre m/l thereon erected a 1½ sty. frame house w/alum. siding containing 4 rooms & bath on 1st floor; 2nd floor offers storage area or can be finished for bedrooms; full basement; heated by oil-fired hot air; 2nd chimney for wood stove hookup in basement; storm windows & doors; hot water heater & water system less than 1½ yrs. old; roof is 2 yrs. old; utility shed. This property offers quiet country living with a beautiful view from high elevation and deserves inspection and consideration by interested buyers. Call 367-2954 or 367-3917 for appt. to view the property. Conditions will be given by Attorney day of sale.

TRACTORS, TRUCK, CARS, IMPLEMENTS: TD-9 Inter. bulldozer (diesel), 333 Massey-Harris w/3 pt. hitch, 44 Massey-Harris, 2-btm. trailer plow, 20 disc-harrow, 6'x8' 2 wheel utility trailer w/sides, 1975 Jeep Wagoneer (4 W.D.), 1960 F-100 Ford truck (4 W.D.), 1954 Willys station wagon (4 W.D.), snow blade, 1979 BUICK SKYLARK, 2 1973 Chev. Vegas, 1973 Mazda RX-2, 1972 Olds, Cutlass Brougham, 1967 Chev. 4-d (salvage).

SHOP EQUIPMENT, TOOLS, ETC: ¾ h.p. air compressor (like new), Lincoln 225 amp. welder (like new), Mark 1-Big 4 air powered tire changer, 1050 Homelite chain saw, XL Homelite chain saw, 310 McCulloch chain saw, McCulloch Power-Mac 6" chain saw, McCulloch Mini-Mac 25 chain saw, David Bradley (20" cut) chain saw, Bolens (husky) garden tractor, rotary lawn mower, Planet Jr. (#6) garden seeder, chain hoist (1-ton), 12-ton hyd. jack, battery chargers, elec. 7" disc sander, air power 4" disc sander, air power impact wrench, Skil saws, ¼"x3/8" elec. drills, Craftsman rotary power tool, Stanley miter box & saw, 1' to 6' levels, ¼", 3/8", ½" & ¾" drive socket sets, open & box end wrenches, pipe wrenches, masonry tools, various size pullers, paint spray guns, wet or dry shop vac., table saw w/½ h.p. motor, gear lube pump, gas & oil cans, 50 qts. 10W-40 motor oil, 300' deep well (1" pipe), 300 gal. fuel tank on skids, canvas tarps, roll roofing & felt, 20' wooden ext. ladder, oak lumber (2"x4" various lgths., 1"x4", 1"x6", 1"x8" various lgths), misc. automotive parts, hdwe, items, scrap iron and numerous items not listed.

HOUSEHOLD ITEMS: Frig. refrigerator (like new), Magic-Chef apt. siz. elec. stove, ext. table & 4 chairs, dbl. bed, 3 drawer dresser w/mirror, 2 Emerson air cond. (18000 & 21000 BTU), Corona Kerosene heater, Atlanta 32" wood stove, small elec. appl. and other household items not listed.

ORDER OF SALE: Tools, eqiupment, cars, truck, household goods.
Real Estate will be offered at 11:30 a.m.
NOT RESPONSIBLE FOR ACCIDENTS

Sale for
PAUL RICHARD STRICKLER ESTATE
BY HARRY STRICKLER AND OLIVER STRICKLER, SR., Executors

Attorneys:
Gingrich & Smith
Auctioneer:
Kenneth L. Long (AU-555-L)
Kenneth E. Long, Apprentice

FOOD AVAILABLE

CONSIGNMENT SALE OF

TRACTORS-COMBINES-FARM EQUIPMENT-TRUCKS

THURS., AUGUST 22, 1985

9:30 A.M. Rain or Shine

Location: Everetts Corner. 3 miles West of Kenton, De. on the corner of Rt. 300 & Rt. 44 on the De. & Md. line.

Equipment will be accepted on August 19, 20 & 21 from 8 A.M. till 5 P.M.

For information call C.T. Scuse 302-653-7530 or Marvel Everett 302-653-7532.

Auctioneers & Sales Mgr.
C.T. Scuse & Sons, Inc.
Marvel Everett

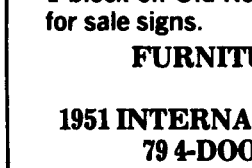
Sale Reports

XXX

A Public Sale of antiques and guns was held August 10 by Evelyn R. Ranck, 134 W. Main St., Leola, Lancaster Co., Pa. There were 460 registered bidders attending the sale.

Some prices were: Moorish chair $300, oak chest of drawers $400, oak highchair/stroller $290, 2 wicker strollers $200 & $450, wicker tea cart $375, Victorian loveseat $675, secretary desk $400, marble top table $450, dovetailed schoolmaster's desk $600, 3 dovetailed blanket chests $250, $430 & $750, fiddleback settee $325, Grapes of Wrath tablelamp $300, Civil War saddle $100, Berks County mantel clock $450, steeple clock $120, Lionel train set $290, Indian basket $200, dining room suite $650, mahogany bookcase $230, pine bench table $300, maple bedroom suite $375, 2 dropleaf tables $210 & $360, German doll $160, Winchester Model 890 gun $410, Remington .35 caliber $195, Colt 38 special revolver $140 and crocheted bedspread $150.

The auctioneers were T. Glenn and Timothy G. Horst.



PUBLIC AUCTION

SATURDAY, AUGUST 24, 1985

At 9:00 A.M.

Located at R.D.1, Mill Hill Road, Hamburg, Pa. Approximately 5 miles west of Hamburg, Pa. and 2 miles east of Shartlesville, Pa. 1 block off Old Route 22 (near Wenger's Farm Machinery) Watch for sale signs.

FURNITURE — HOUSEHOLD — ANTIQUES COLLECTIBLES
1951 INTERNATIONAL PICKUP w/26,000 MILES ¾ TON
79 4-DOOR DODGE ASPEN w/19,000 MILES

FURNITURE — (Pa. House) poster bed & nite stand, cherry buffet & server, table w/Queen Anne feet, Early jelly cupboard, 6 matching plank-bottom spindle-back kitchen chairs, unusual Victorian octagon end table w/8 legs and bottom carved shelf, assortment of end tables, 3 occasional chairs, old oak flattop office desk, fainting couch, early oak bed w/matching dresser and carving, 3 piece depression bedroom suite, 2 matching caned chairs, depression chest of drawers, (rare) old oak youth bed w/carving, oak wash stand w/towel rack, (child's) hi chair, small wooden playpen, high back rocker (good), old sewing machine, Zenith 25" color TV, 2 dovetailed blanket chests - 1 w/spooled feet & unusual 3 drawers across bottom & original finish, flat top trunk.

HOUSEHOLD & MISCELLANEOUS — Oil painting of Hemingway's house (1957), Story book of Berks County. St. Michael's church plate, old 365 day clock, large colored beaded purse like new, extra large amount of good rag carpet w/runners up to 10 feet, old basket, Stangel & Fiesta dishes, lots of glassware such as Carnival, Nippon, Noritake, Germany & many hand painted items, Roseville, asst. advertising mugs, early child's toy cast iron horse & contractor dump wagon, large footed & scalloped top carnival bowl (Hairline), crocks and jugs, skater lantern, sweepers, Christmas items, flatirons, brass dog bookends, towels & sheets, exhaust fan, chicken on next, glass rolling pin, salts, deer head, 2 kero lites, hair receiver, afghans, copper kettle (rough), WWI picture & leggings, other pictures & frames, some fancy, easel, 6 ft. mortised bench, rakes, shovels, traps, 18 ft. wooden ladder, 2 grain cradles, hand broadcast seeder, scythe, coal buckets, kero heater, Maytag wringer washer, feed bag material, platform scale, hog trough, stand & turning table to scrape hogs, kettle chains, chicken coops & feeders, ice tongs, Sears 30" riding mower 8 HP w/electric start, general line of kitchenware plus many items not mentioned.

1951 International ¾ ton pickup truck w/26,900 miles - original owner, in excellent condition, recent inspection, no rust, garaged, easily restored to like new. 1979 Dodge Aspen 4-door sedan, P.S. & P.B., 6 cyl. engine, approximately 19,000 miles. Car and truck sold with reserves at 12:00 Noon.

AUCTIONEER'S NOTE — Come join us for a good quality country sale on the farm of Mr. Michael B. Rentschler. Parking and refreshments on sale site. Tents will be erected for your convenience. Bring your own chairs. NOT RESPONSIBLE FOR ACCIDENTS.

Terms: Cash, travelers or personal checks if approved by Auctioneer. POSITIVELY NO OUT OF STATE CHECKS.

Sold for:
MR. MICHAEL B. RENTSCHLER

Auctioneer - EUGENE G. KLINGER
Klinger Auction Service
Hamburg, Pa. 19526
Phone: 215-562-4286 Lic. No. AU-002138-L

Sale Reports

XXX

A Complete Dispersal was held August 10 by W. Stewart and Joy Bennett, 2 miles from Montrose, Susquehanna Co., Pa.

The 197 acre farm was sold for $110,000 to Stover Realty, Hallstead, Pa. and it included 100 acres tillable, 50 pasture, 45 woods, 2 story house, block barn and 2 silos. The 36 mature cows averaged $630.

Other prices were: Ford 7700 tractor $9100, Ford 8000 tractor $6350, Bale King wagon $1200, large quantity baled hay $2000, 800 gal. sq. Girton bulk tank $2600, N.H. blower $475 and M.F. 124 baler w/thrower $850.

Jim Adriance was the auctioneer.

XXX

A Public Sale of blacksmith tools was held August 10 by Joseph S. Hursh in the town of Vogansville, Earl Twp., Lancaster Co., Pa. Over 100 persons attended.

Some prices received were: anvil $210, iron bender $50, tire shrinker $160, air compressor $32, measuring wheel $50, spoke cutter $100 and 3 firecracker pistols $25, $35 and $37.50.

Auctioneers were Paul W. Horst and John F. Stoltzfus.

XXX

A Farm Machinery Auction was held August 9 by Klingdale Farms, 3 miles northwest of Loysville on Rock Hollow Road, Perry Co., Pa. There were 100 registered.

Some prices included: N.H. 770 forage harvester w/2 heads $4100, Ford dump truck $1100, 3 Grove silage wagons $800, $900 & $900, Farmall Super M w/mounted 2 row cornpicker $2500, Ford pickup 4 wheel drive $700, M.F. 510 combine (needs repairs) $1100, Ford 1½ ton wheel drive $775, flat wagon $175 and grass seeder tractor $30, plus Int. silage blower $225.

Kling's Auction Service conducted the sale.

XXX

The Annual Amish Parochial School Benefit Sale was held August 10 three miles west of Thompsontown, near the village of Center along Old Route 22.

Prices of quilts were: Flower Basket $275, Nine Patch $310, Grandmother's Basket $400, Lone Star $385, Cross Stitch & Star quilt $475, Puzzle Block $400, Star Quilt $295, Grandmother's Fan $400, 3 Laura Ingalls Dolls $80 each and Hickory rocker $175.

Bryan D. Imes was the auctioneer.

XXX

A Public Sale of farm machinery was held August 5 by Ag-Industrial Equipment Co., Inc. 1207 Telegraph Road, Route 273, Rising Sun, Md.

Some prices included: Int. 574 tractor $4000, A.C. D19 tractor $1575, A.C. 5040 tractor $5250, N.H. 310 baler $2975, N.H. #8 crop carrier $2125, N.H. 278 baler $2000, N.H. 770 chopper $2350, N.I. 279 cutditioner $1200, N.H. 479 haybine $1000 and Kubota L245 tractor $5100.

Aberdeen Sales Co., Inc., Sale Managers/ Auctioneers.

AUCTIONEER

RAIN OR SHINE!

Public Auction

BRING CHAIRS

SATURDAY, AUGUST 24, 1985

9:30 A.M. "SHARP"

RD #3, Danville, PA

From I-80 exit 33, go towards Danville about 1½ mile, turn off at auction sign, Rt. 642 East Jerseytown Rd. Keep on 642 for about 2 miles. Turn off road at Hess Mobile Home Court sign. Go 1 mile. First home past mobile home court on top of the hill.

Watch for Auction Signs.

Having sold their home, Leroy and Eunice Kramer are relocating and selling everything.

Household — Antiques — Collectables
New Store Items — 1957 Chevy Convertible

25" floor model Admiral color TV (nice), 2 pc. gold mohawk sofa and chair, complete set service for 8 of Franciscan earthenware, pink desert rose pattern, plus many, many extra pieces (all hand painted and all beautiful), floor lamps, coffee table, end tables, electric fans, beautiful 7' all solid wood maple colonial grandfather clock, 1 year old with chimes and everything, moon face, wall pictures, pine drum table, old and nice large mirrored knick knack shelf, many knick knacks, large wood stereo, many odd stands, live plants and flowers, pine table and 6 chairs, electric sewing machine, room stands, 7'x4' pine hutch and buffet, 7 drawer kneehole desk, 3 piece red living room suite, house drapes, many, many pieces of greenware and boxes of ceramics, several Norman Rockwell plates, 6 nice beer steins, large wall mirror with cut flowers, beveled glass (nice), 40 gallon fish aquarium, large wood woven bird cage, small maple table and 4 chairs, wood corner hutch with glass doors and wood doors on bottom, GE 15 CF refrigerator freezer (avacado), brand new Wards electric double oven with self cleaning oven on bottom (avacado), 5' high wood knick knack shelf, collection of cups and saucers, nice hanging plates from Japan, Germany, etc., many owl lamps, pots, pans, and kitchen items, 3 pc. bedroom suite (nice condition), 5 pc. dark pecan bedroom suite (nice), very old 2 tone chest on chest with offset posts on top, push button phones, new Phonemate answering machine with tapes and so forth, 4' long steer horns, floor model beer cooler 6'x30" deep x 39" high, upright double door cooler 6'x5' sliding glass doors, glass top chrome table and 4 chairs, 12' wood and formica bar with foot rest, Detecto scales goes to 130 lbs. (good condition), odd dressers, electric heaters, wallpaper pasting board outfit, 10 HP Sears garden tractor, gas weed trimmer, old grass sighs, small tools, hand tools, rakes, shovels, bars, and so forth, 1½ galvanized pipe, Trutest roto tiller, 3 glass show cases, many, many good store items, Toro garden tractor, wrought iron table and 4 chairs, old flip over plow, cultivator, 2 small pot belly stoves, homemade trailer with dump box, boxes of canning jars (old and new), automatic washer and dryer, lots of paint, plaster mud, many odd dishes, new Indian moccasins for children, men, women, and so forth, new beauty shop equipment Helena Curtis vanity, bowl, dryer, chair, mirror, the whole works, chest deep freezer, 2 good air conditioners, bumper pool table, bunk beds, Amana dehumidifier, stainless wash tubs, Sears coal and wood stove, old steer yoke, riding saddle, 2 HP single phase air compressor 220 volts, air sanders, grinders, other tools all in very good condition, Sears benchpress barbell outfit with pull-weights and leg press, Whirlpool chest freezer, large electric Toastmaster self cleaning oven, 1972 Volkswagon as is, 1957 Chevy 2 door convertible motor good, body is partly restored, all parts here, come take a look, she's a good one. PLUS MANY, MANY ITEMS TOO NUMEROUS TO MENTION.

OWNER OR AUCTIONEER NOT RESPONSIBLE FOR ACCIDENTS.
STATEMENTS MADE DAY OF SALE TAKE PRECEDENCE OVER PREVIOUSLY WRITTEN MATERIAL.

NOTE: WHATEVER YOU'RE LOOKING FOR, DON'T MISS THIS AUCTION. WE HAVE WHAT YOU'RE LOOKING FOR.

TERMS OF SALE: CASH OR APPROVED CHECK. LUNCH: YES

Clerk: The Leiby's

SELLERS: **LEROY & EUNICE KRAMER**

NEVIUS AUCTION SERVICE
Box 187, Mifflinville, Pa. 18631 — Phone 752-4214
AUCTIONEERS — LICENSED & BONDED
A Complete Auction Service
DAN NEVIUS AU-000-679-L Ph. 752-4214

GOOD'S AUCTION

111 N. Maple Ave. Leola, Pa.
Hay and Straw Sales Every Wed.
At 12:00 Noon
Farm Machinery Sales
1st and 3rd Wednesday of each month February thru October Starting at 9:00 A.M
All kinds of building material at 11:30 A.M.
All small items must be sold off trucks. No household goods.

GOOD'S AUCTION
111 N. Maple Ave.
Leola, Pa. 17540
Business Hours: 7:30 to 5:30,
Closed Sat. & Sun.

PUBLIC AUCTION

2 Tractors - Pick-Up Trucks - Snowmobiles - 2 Throughbred Mares - Tools - Household

SATURDAY, AUGUST 24, 1985
At 9:30 A.M.

Located Approx. 7 miles West of Gettysburg, Pa. along Route 116 at Windy Willow Farm, near Fairfield Pa. Sign posted. Due to moving their residence and business from the area, the undersigned will offer the following.

J.D. 2010 Gas tractor w/model 35 J.D. loader in good condition; Allis-Chalmers D-17 Diesel tractor w/new radiator - fan-and water pump; J.D. PTO manure spreader; flat bed rubber tire wagon; N.I. 2 wheel trail mower; N.I. spreader (for parts); 16 HP Gilson garden tractor w/40 inch mower and 2 wheel trailer; new 5 HP Statesman rear tine tiller; new Linde 230 amp. welder w/high frequency stabilizer; welding rods and shields; new water pump w/3 HP Briggs-Stratton engine; 4 McCullough chain saws (need to be assembled); Large lot of elec. drills ½ & 3/8"; vises, jack stands; chain hoist; 3 rubber tire wheelbarrows; lot of pipe plastic-Alum.-Steel; misc. tools; barbed wire; many other items to numerous to list. TRUCKS: 76 Chevy Pick-up Automatic V-8 P.S. and P.B. engine good - body rough; 77 Chevy ½ ton P.U. Straight stick - P.S. V-8 Engine just rebuilt - body fair; 77 Chevy ½ ton P.U. Auto-PS-PB new engine-body fair; 74 Dodge Van 6 Cyl. Auto - fair condition; 4 sets Maryville side-mount 8 Ft. tool boxes for Pick-up; 4 ladder racks; set of wooden racks for pick-up; large lot of good tires some mounted on rims mostly 15 inch and some 14 inch and 16.5; LIVESTOCK: Guernsey cow and Hereford cow both due by sale day; 5 month old Angus-Hereford bull; 2 thoroughbred mares 9 and 11 Yrs. old w/papers; 1 Western saddle; 1 English saddle; 2 pony saddles all good; misc. bits; bridles; lead ropes etc; HOUSEHOLD: Sears coldspot chest freezer; Amana 13 cu. ft. Upright and Admiral 15 cu. ft. upright freezer all in working condition; nice 3 pc. BR suite w/Queen size bed frame and head board; nice Cherry Dining room table w/6 chairs and a server to match; nice double glass door hutch w/light; good set of Maple bunk beds w/mattresses; Canopy bed w/mattress; Queen sofa-sleeper; several dresser w/mirrors; chest of drawers; end tables; high chair converts to play desk; porch swing; misc. dishes; pots, pans; canners; pressure cooker etc; SNOWMOBILES: 1980 Ski-Doo "Citation" and a 1977 Ski-Doo "Olympic" both with low mileage and good condition. Sale inspection Aug. 22-23 and day of sale.

Terms: Cash or Approved check.
Lunch at sale

DONALD & SANDY SMITH
P.O. Box 442
Fairfield, Pa. 17320
Dennis J. Plunkert, Auctioneer
700 Littlestown Rd.
Littlestown Pa
Pa. No. AU-001102L

PLUMLEY COMPLETE FARM DISPERSAL

SAT., AUGUST 24, 1985
12 noon

2 miles West of Lindley, N.Y. 10 mi. from Addison, 15 mi. from Corning, follow auction arrows off Route 15 at the blinker light in Lindley.

Selling 31 head of Holstein livestock, 23 are milking, 2 springers, shipping over 3,000 lbs. milk a pick-up. A pretty fancy herd here, freshening all times of the year. Six real nice started calves. Mach. and equip. inc. IHC Model 966 diesel w. dual wheels sold separately, IHC 504 tractor, IHC 2001 loader, IHC, M, IHC Model 782 Cub Cadet w/blade, NH Model 782 field chopper w/2 row corn head, NH pick-up head, used one season, sold separately, NH 676 PTO tandem wheel spreader, NH Model 25 Whirl-feed blower, NH 469 haybine, NH 36 flail chopper, NH 269 baler w/thrower, IHC Model 510, 5 bottom semi-mounted, 18 in. plows, IHC 16 ft. transport drag, like new, IHC Model 56, 4 row corn planter, 2 IHC Model 110 su wagons w/heavy duty NH gear and electric wheel gear, 2 kicker racks, JD grain drill, 18 ft. Badger silo unloader, NH 55 rake, tractor chains, 20 ft. Smoker elevator, land roller, feed wagon, bale feeder, buzz saw, silage cart. 25 A. standing corn. Milk equip. inc. 500 gal. Jamesway bulk tank, ss sink, DeLaval pipeline milker, 4 units w/glass jars and auto. washer. 1974 Chevrolet C-50 w/36,000 mi.

TERMS, cash or check w/proper Id. Sale held in tent.

Farm for sale by owner, new house, dairy barn and silo, milking parlor, 75 A. tillable, balance pasture, in good state of cultivation.

Owners,
MR. AND MRS. CARLOS PLUMLEY
Sale by Beards,
Knoxville, Pa.
Lic. AU-00051-L

ABSOLUTE AUCTION

SPECIAL LARGE PUBLIC SALE
OF FARM EQUIPMENT
— TRACTORS —

LOCATED Just West of Lancaster, Pa. at 1531 Manheim Pk, Lancaster Pa. Along Rt. 72. At Rts. 72 and 283.

THURS., AUGUST 22, 1985
9:30 A.M.

75 TRACTORS: JOHN DEERE, INT FORDS, MASSEY FERGUSON, CASE, OLIVER, A C. AND OTHERS. All sizes & Models, CRAWLERS, ROLLERS, TRACTORS FOR PARTS ETC., ETC, ETC ANTIQUE TRACTORS.

ALL KINDS OF FARM EQUIPMENT.

Corn pickers, Silage Equipment, Harvestors, Blowers, Balers, Mowers, Rakes, conditioners, planters, drills, Wagons of all kinds, spreaders, Plows, Packers, Disc Harrows, Harrows, Loaders, Blades, Post Diggers, Rotary Mowers, Sprayers, Any Kind - Any Make.

LAWN & GARDEN EQUIP.
NEW & USED PARTS,
TOOLS, MISC ITEMS OF ALL KIND

Order of Sale — Small items followed by equip. & Tractors.

No Out of State Checks Unless Known by Owners or Aucts.

Food at Sale
NEXT SALES
WED. SEPT. 25 & OCT. 30
SALE BY
KEENER EQUIPMENT INC.
PH. 717-569-9861
AUCTS. C.H. WOLGEMUTH
R.D. #2, Manheim, Pa.
Ph. 717-665-5664 Lic. #1036
Blaine Rentzel, Emigsville, Pa.
717-764-6412 Lic. #761

H & H Auction

Every Thursday Night, 6:00 P.M.

Located on Strasburg Rd., Coatesville, ½ mi. East of Stottsville Hotel and 1 mile West of Rt. 82.

Household Goods & Appliances sold at every auction.

Consignments accepted.
Call 215-384-7647

Visit our used furniture and appliance store, 50 pieces of appliances at all times.

Auctioneer:
Richard Dunlap AU001605L

PUBLIC AUCTION

VALUABLE ANTIQUES & BOOKS
WED. AUGUST 28, 1985
9:00 a.m.

Located just East of Intercourse, PA, at 3741 Old Philadelphia Pike (Rt. 340).

Fine Walnut Dutch cupboard with 18 lights and O.G. feet, Marble top stand, ladder back rocker, fine mirrored back oak bow glass china closet, softwood 1 pc. corner cupboard, O.G. mirror, ladder back chair, cane seat parlor chairs, high chair (stroller break down type), high chair (rocker break down type), Edison Home phonograph, Edison cylinder records, bucket bench, yarn winder, walnut dropleaf table, childs rocker, 2 drawer stand, collage table, open washstand w/gallery, shelf clock, steeple clock, plank bottom chairs, depression era bedroom suite, fine high 4 poster bed, 1 drawer washstand, Empire chest of drawers, slipper chair, wooden towel bars, 1 door country cupboard, Forilla decorated ironstone mulberry color: 2 coffee pots, 2 platters, many plates, many cups and saucers, also several pcs. in pink Forilla, Rope & Wheat coffee pot, cartoon bunny, cosmos mini lamp base, other mini lamps, larger oil lamps, glass cruets, china and wooden smoke pipes, selection of tin ware, early blue Staffordshire sugar bowl, punch tin lanterns (old and repro.) tin candle molds, Rail Road lanterns, butter prints and molds, other wooden ware, bracket lamps, sad iron, Red Rofinson pottery pitcher Gap Pa., iron items, Tin A.B.C. plates, baskets, old tools, Carrie Nation bottle, sheaf of wheat bottle, blue signet ink bottle, ruby top glass, 2 spinning wheels, B.S. Weiler 1910 plate Pequea Pa., flo blue Bedford plates, Towsend pewter plate, school teachers bells, school slates, 2 sets of fine graduated brass sleigh bells, dress bells and others, lion frosted compote, blue sponge cup and saucer, Nippon marmalade jars, red, blue and yellow satin glass bowls, gaudy welsh plate, white Northwood Peacock on fence plate, gaudy welsh creamer, King Bee country store coffee bin, brass kettles, Noritake Gainsboro china dinner set for 12, steam whistle, leeds 2 color plate, penny candy chocolate mold, individual salts, scouring box, Fine blue decorated 2 gallon stoneware pitcher, other blue decorated pottery, plain crocks and jugs.

Books: Lancaster County History 1883 Ellis and Evans, 1924, 26, 27, 28 & 30, Pa. German Society books, Portrait & Biographical of Lancaster County 1894, set 1934 Womans Compainion magazines, Vol 1 & 11 The Soldiers in Our Civil War, 1866 Hofacker's Predigten, Tillie A Mennonite Maid, "We" Lindberg, 1909 Chatterbox "Wild Animals", Civil War History, Battles and Commanders of the Civil War, Biographical Annals of Lancaster County I.H. Beers 1903, prints, pictures, frames, and many articles of interest not listed.

Sale By
SUIE WORST,
Executrix for
RAYMOND B. WORST ESTATE

E.M. Murry Associates
10 S. Broad St
Lititz, PA 17543
Elmer Murry 626-5244 - 626-2636
Richard Murry 626-8175 - 949-2280
Ken Miller 665-2073
Professional Auctioneers, Appraisers and Advisors
Since 1953
AU-00648-L

May and May Attorneys
(717) 291-1181 Lic. No. 648-L

PUBLIC AUCTION

FARM MACHINERY
SUPER C TRACTOR — FEW TOOLS
SAT., AUGUST 31, 1985
11:00 A.M.

Located in Chester Co., PA, 2 miles south of Cochranville along Route 41.

Tractor — Farm Machinery

Farmall Super C tractor, A1 condition, good rubber, P.T.O. and rear pulley; New Holland 68 baler Super Hayliner w/thrower; 7' John Deere bar mower draw bar hitch; Massey Ferguson roto bar rake; John Deere 2 bottom 3 pt. plow; 32' Little Giant elevator; John Deere hay crimper; high side bale wagon, wide tread gear; 3 section spring tooth harrow; disc harrow; cultipacker; John Deere manure spreader, needs work done; 2 bottom trailer plow; flat bed wagon; 56 International 2 row corn planter; Superior 10 disc grain drill; 1-PR McCormick Deering corn picker; boom field sprayer w/poly tank and roller pump, A-1 condition; 2 row front mount cultivators; Papec ensilage cutter; 2 universal water tubs; bag wagon; shovels; brooms; etc.

Come early for machinery!
Not many small items.

Owner:
MRS. WAYNE GRAYBEAL

Auctioneer:
Steve
Steve Jr. Petersheim:
717-786-4624 Lic. #AU-001349-L
FOOD ON PREMISES
Machinery in nice condition

PUBLIC AUCTION

AUGUST 24, 1985
10:30 A.M.
OF FARM MACHINERY, TOOLS, ANTIQUE TOOLS AND COLLECTABLES

For the estate of Leon Spencer, Center Grove, N.J. located five miles East of Bridgeton and seven miles South of Millville. From Delaware Memorial Bridge, take route #49, two miles east of Bridgeton, take route #553 to Cedarville. Then turn left at the traffic light, to the sale.

FARM EQUIPMENT

List
TRACTORS: 1-1969 Ford 5000, 1-1977 Ford 4100, 1-1955 Ford 850 w/front end angle dozer, 1-1948 Ford 8N w/Wagner loader; 1-Ford semi-mounted 130 4/14 bottom plow, 1 Ford 101 3/16 bottom plow, 1-Ford 101 2/16 bottom plow, 1-8 ft 3 pt Dunham disc, 1-8 ft pull type Roderick leain, 1-8 ft 3 pt 250 York rake, 1 6 ft PTO Rotary Mower, 1-3 pt dirt scoop, 1-5 ft rear blade, 1-3 pt Fergerson side rake, 1-3 pt sub soiler, 1-Ford 3 pt Corn plasnter w/fert. att., 1-Ford 7 ft sickle bar only, 1-Ford 7 ft 501 3 pt mower, 1-Ford 3 pt hitch Cord wood saw, 1-3 pt 12' weeder, 2-3 pt 2 row Cult., 2-1 row Cole bean planters, 1-3 pt post hole digger, 1-Lely 8 bushel 3 pt seeder, 1-6' Brillion seeder 3 pt, 1-Ford 907 3 pt 7 ft flail mower, 1-Ford 530 hay baler, 1-150 bushel grain box, 1-rubber tire wagon w/body, 1-iron wheel wagon (no body), 1-Harvey 30' hay elevator (gas motor), 1-4' meeker harrow, 1-5' meeker harrow, 1-NH manure spreader (wheel drive), 1-HC side del rake, 1-4'x8' small flat bed wagon, 1-Manure fork, 1-loader bucket, 1-1964 7 cyl IH truck tractor, 1-Fruchal trailer 32 ft, 1-1952 1½ ton Ford Dump Truck, 1-seed grain cleaner, 4-Cow Stauntions, 2-Hyd. Log Splitters, Step Ladders, Rope, Chains, Fan, Battery Charger, House Jacks, Trash Cans, Drums, Gas Chain Saws, Tires, Platform scales, Garage Floor Jacks, Parts Cabinets, 2-Anvils, Bench Grinder, Port. Electric Welder, Acetlene Outfit, Several vises, Large Port. Heater, Bikes, Chain Falls, 20' Alum. Ext. Ladder, Office Safe, Air Compressor, Grease Outfit, Oil Pumps, Old Gas Pumps, Hand trucks, Milk Cans, Weed Crates, barrels, Wooden Wheel Barrels, Hand Cultivator, Rotary Mowers, Hot Bed Sash, Stone, 2-Piston Pumps, Wetstone, Spotting Boards, Cement Posts, Roller Conveyor, Wagon Wheels, Field Roller, Hand Seeders, 30" Ind. Saw, Lettuce Crates, Old Boxes, Trunks, Vegetables, Measurers, CJ Log Stove, Elect. Hand Tools, DeWalt Radial Saw, Elect. Planer, Band Saw, Lots very old Hand Tools, Junk, Etc. All equipment garage kept.

Terms- CASH NO OUT OF STATE CHECKS
Auctioneer-Al Force
Phone 609-935-2347

Sale Reports

A Public Sale of an 81 acre dairy farm and farm machinery was held August 10 by Donald M. Neff and Doris J. Neff, 3 miles east of Strasburg on Esbenshade Road, Lanc. Co., Pa. There 277 registered bidders at the sale.

The real estate was sold for $451,000 to Jacob Fisher of Gordonville and it included a 2½ story frame house, a mobile home, stream, frame bank barn and 3 silos.

Farm machinery sold included: 2 J.D. tractors $11,000 & $4200, silage wagon $2700, J.D. disc $1150, cultipacker $920, 2 hay rakes $950 & $2750, hay wagon $100, chisel plow $1050, 1977 Ford pickup truck $1100, old fashioned dinner bell $390, 40 acres of corn on stalk in the field $220 and hay $85 per ton.

Public Auction Register

Closing Date Monday, 5 00 P M of each week s publication

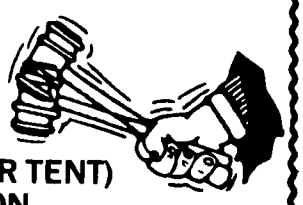
AUGUST

SUN AUG 18 - 10AM Building Materials & Supplies. For Don Neilson, Trooper & Egypt Rds., Audubon, Lower Providence Twp., PA Earl MacIlwain Auctioneers

MON AUG 19 - 4PM Fogelsville Auction Center, S Nursery St., Fogelsville, PA (Just N of Rt 22, 5 mls W of Allentown) Antiques, Furniture, Horse Drawn Vehicles. Estate of Alma C. Hittner Ralph W Zettlemoyer Auction Co., Inc

TUES AUG 20 - 7 30PM Centre Hall Ag Progress Holstein Sale of 65 Registered Holsteins Located at Grange Fairgrounds, Centre Hall, PA Sponsored by Centre Co Holstein Club Kling's Auction Service, Sale Mgrs

2 Day Auction



RAIN OR SHINE (UNDER TENT)
FOR DON NEILSON
TROOPER & EGYPT RDS., AUDUBON, LOWER PROVIDENCE TWP., PA.

SUNDAY, AUG. 18 at 10 A.M.: Building materials & supplies, 28' & 35' storage trailers, Parts bins & hardware, Over 50 new bath fixtures, Large LP gas warehouse heater, 30' hyd. high lift, 3" trash pump, Refrigerators, Ranges, Wood & coal stoves & fireplace inserts, Contractors tools & equip., I H cub cadet & accessories (unassembled), Restaurant furnishings & equip., Approx. 6 cords of hardwood and more.

SUNDAY, AUG. 25 at 10 A.M.: 22' & 27' Winnabego motor homes, TD6 crawler loader, Farm tractors, Hay bind, bailer & rake, 1 & 3 axle tag-along trailers, 5' mower w/3 pt. hitch, '77 Chrysler Broughm, '75 Wagoneer, '73 & '74 Lincolns, '70 Chevy & '72 I H ¾ ton utility trucks, '68 El Camino, '65 I H Scout, '64 Skylark Wagon, '64 F 100, '54 Chevy sdn. '28 & '48 Hudsons, '52 Army truck, Four '66 to '72 Ford P/U's and more by time of sale.

Bring your lawn chair and spend both days with us. Refreshments on Premises.

TERMS- Cash or certified check on Autos and big equip. 25% down day of Sale. Balance within 5 days.

Earl MacIlwain Auctioneers
Realtor
(215) 489-9797
AU-000565-L
Appraiser
(215) 265-4474

PUBLIC SALE

VALUABLE REAL ESTATE
1-GREAT OPPORTUNITY 4 BEDROOM HOUSE
2-CABIN ON RIVER FRONT

TUESDAY, AUGUST 27, 1985
1:00 P.M.

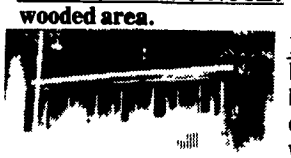
BOTH PROPERTIES will be sold at SAME LOCATION on Oak Ridge Drive, adjacent to Tanglewood Golf Course.

TANGLEWOOD MANOR ESTATE BEAUTY

Property #1 is located on Oak Ridge Drive, 3 miles west of Quarryville, PA, 2 miles east of Rt. 272 adjacent to Golf course.

2 bedrooms, kitchen, dining area, living room, built in fireplace, full bath room, powder room, 2 car garage, full basement all finished, 2 bedrooms, recreation room, storage and full bath, 14x42 deck overlooking golf course, all white Holland stone brick.

AUCTIONEER'S NOTE: This is an immaculate place in an executive wooded area.



Property #2-Cabin on Susquehanna River, 3 bedrooms, kitchen, dining room, small barn, boat docking rights, on PP&L leased ground overlooking the Susquehanna River. Lease sells with property, located on Peach Bottom Road.

PLEASE NOTE: Both properties will be sold on Oak Ridge Drive at location of #1 property.

10% Down on Sale Day-Final Settlement negotiable.

For appointment to see properties call 717-768-7205 or 786-4624. Announcements on sale day take precedence over advertising.

Auctioneer:
Steve
Steve Jr. PETERSHEIM:
717-786-4624
Lic. #AU-001349-L

Owners:
ELMER & ANNA GLICK

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

MON. AUG. 19 - 6:30PM Rooney Farm Machinery Just off Rt. 19, between Genesee, PA, and Wellsville, NY. By Muller & Rumsey.

MON. AUG. 19 - 5PM Public Sale of Antiques, Guns, Hshld. Goods, Truck Located at 320 N Sixth St., Akron, PA. Terms by: George R. Stief. T. Glenn & Timothy G Horst, Aucts.

TUES. AUG. 20 - 8PM D.S.T. Holstein Heifer Dispersal to be held at Smoketown Quality Dairy Sales, Smoketown, PA. Rt. 340, 5 mis. E. of Lancaster, 5 mis. W. of Intercourse, PA. Sale Managed by Smoketown Quality Dairy Sales Co., Gordon & Helen Fritz.

TUES. AUG. 20 - 6:30PM Repossessed Vehicles 4101 North Front Street, Harrisburg, PA, at the Riverdrive Sunoco Service Station Rear Lot Auction for: Commonwealth Nat'l Bank Fulton Bank Kerry Pae Auctioneers.

TUES. AUG. 20 - 4PM Hollinger's Farm Market, Inc., Equipment Liquidation. Located at 1755 W. Main St (Rt. 322 W. of Ephrata), Ephrata, PA. T. Glenn & Timothy G Horst, Aucts

WED. AUG. 21 - 6PM PA Department of Agriculture's Meat Animal Evaluation Center, 651 Fox Hollow Rd., State College, PA 16803. Selling Approx 60 Boars Glenn Eberly. 814-238-2527

WED AUG. 21 - 5PM Southside Woodcraft Public Sale of Woodworking Mach, Tools, Misc Lumber, Hardware Located on East Church St, 2 mis. from Reamstown between Hahnstown & Reamstown. East Cocalico Twp., Lanc Co., PA. T Glenn & Timothy G. Horst, Aucts

WED. AUG. 21 5PM Thru SAT AUG. 24 9:30AM - Carriages, Sleighs & Antiques. Located Martin's Sales Pavilion, 2 mis E. of Intercourse, on Rt. 340. Lanc. Co., PA Martin Auctioneers, Inc.

WED AUG. 21 - 10AM Bankruptcy Sale of Sewing Plant, 150 Sewing Machines, Cutting Machines, Boiler. Located Salem Sportswear Inc., 13-15 Walnut St., Salem, NJ. Wm F. Comly & Son, Aucts.

WED. AUG. 21 - 11AM Complete Dispersal of 61 Holsteins of Ross-Wood Holsteins. Located near New Windsor in Carroll Co., MD. From Rt. 26 in Libertytown take Rt. 31N, turn left on Old New Windsor Rd. just after crossing the Carroll Co Line Follow to Hawks Hill Rd., turn left and go one mi., turn right on Winters Church Rd. to first farm on left. Estate of Albert K Ross. Remsburg Sale Service

PUBLIC SALE

SATURDAY, AUGUST 24, 1985

9:00 A.M. Sharp!

Located in Juniata County, 2 miles south of Port Royal just off Groninger Valley Road. Follow sale sign off Rt. 75.

MODERN FARM MACHINERY & RELATED ITEMS – 1:00 P.M.

AC WD gas tractor, good rubber, hydraulic loader with extra buckets, cultivators and pulley; 12"x38" tractor tire chains; A.C. 3x14" snap-coupler plow; Farmall H tractor with hydraulic, weights, side hill hitch; N.H. 256 rola-bar rake; N.H. hayliner 270 PTO baler with 53A thrower; King Wyse 36' hay and grain elevator with bale and grain chute and 1 h.p. reversible elec. motor; J.D. 7' PTO mower with extra mowing bars; J.D. and Grove wide track chassis with bale racks; Cardinal 16' grain elevator with elec. motor; 4" grain auger; McCormick 30 dbl. beater, wheel driven manure spreader; 2 section spike tooth harrow; I.H. 8' 2-section spring tooth harrow; Brillion 8' dbl. roll cultipacker; N.I. 323 single row corn picker; A.C. drag disc; J.D. 2-row corn planter; Ontario wooden wheeled 10 hoe grain drill; side hill hitch for A.C. WC; Dellinger hammer mill; U.S. Standard 1,000 lb. platform scale; 16' flatbed with side boards; sawbuck on metal wheels with extra blades; wooden stock crate; metal feed cart; zon gas operated carbide gun; wooden extension ladder; bag holder; PTO cyclone seeder; flat belts; snow fencing; 4 hole hog feeder; electric brooder; grease pump; Stewart Clip Master 51-4 cow clippers with extra blades; several cow chains; galv. double wash tubs; milk cans; can rack; 4 can milk cooler; potato plow; used copper wire; electric fence wire; 4-5 bu. 1983 clover seed; chicken crates; 55 gal. drums; galv. pipe and fittings; roto-tiller for cultivating with Briggs & Stratton gas engine; shovels; forks; 4-14" Dodge rims and tires; Atlas and Roto Clipper push mowers; air tank; dehorners; tools; 2-24", 18" and 14" pipe wrenches, several double bited axes; other hand tools; hog ringing tools; hand post hole digger; Rockwell 10" band saw; grinder for sharpening mower knives; tree trimmer with saw and rope; Craftsman 10" table saw with electric motor; chain binders; transmission greaser and cart; several cans of bolts; masonary drill and bits; door hasp and hinges; scrap pile; saw vise; emery wheel; Wright saw; wagon load of miscellaneous items.

OLD ANTIQUE & HORSE DRAWN FARM RELATED ITEMS

Square back sleigh bells on shafts; spring wagon seats; Swab wagon; horse drawn 8" Gifford ice plow with guide; double and single trees; large wooden single and double pulley; old fashioned wind mill grain cleaner; wooden grain cradle; 2 man maul; wooden grain rakes; mowing scythe; Oliver E walking plow; Hagner rim tool; cowbells; barbed wire fence stretchers; wood wedges; 8 & 12 ton screw jacks; 2 Autolite carbide lights; soldering irons; cream separator; old sleds; strap hinges; PRR cold chisels; wooden buggy jack; foot pedaled grindstone; small brass oil cans; several traps; woven wire fence stretcher; large ice tongs; tin lined wooden barrel with hinged lid; kerosene gigging light; nail kegs; log grabs; cream can; old glass Atlantic oil quart jars; 4 & 8 quart carrying cases; Atlantic boxes; Arco funnel; 2 Atlantic oil display stands; other items.

BUTCHERING EQUIPMENT

5 cast iron butcher kettles, nice; three foots; 1 gal. lard press; wooden scalding trough; 22" meat grinder; 12" meat grinder; beam scales; rope winds; hog hangers; scrapers & hooks; meat hooks.

ANTIQUES, COLLECTIBLES & HOUSEHOLD – 9:00 A.M.

Aladdin oil lamp with shade and ceiling bracket; White cedar 4 gal. cylinder butter churn; Dazey No. 8 butter churn; wooden rocking horse; hand held washing machine; oak plant stand; lantern globes; mission type oak rocker; corner cabinet; wooden egg crates; oak pressed back rocker with caned seat; oak dressing table & chair; cherry seeder; apple peeler; several corn huskers; Arcade crystal coffee grinder; tobacco tins; finger lamp; Western Electric battery operated oak cased wall phones, nice; wringer washer; child's old pedal car, complete; oak flat arm rocker with upholstered seat and back; wooden harness vise; wooden shoe last; wardrobe with drawers below; other wardrobes; M.W. sewing machine and case; upholstered chair and day bed; 6 drawer dressing table with mirror; crocks and jugs; egg scales; woven bushel measure; 2 gal. cylinder churn; 1 large wooden box slaw cutter; small wooden keg; wooden tub; dated jars; iron griddle; child's wooden playing blocks; wooden peck and half peck measure; Arm and Hammer wooden soda box; biscuit box, wooden; cheese box; other old boxes; small tin windup train; ice picks; old locks & keys; oak picture frames; Sunshine biscuit tin cans; other old tins and cans; small buggy stool; rug beater; oak clock case; braided rugs; set of 36 sleigh bells; miniature wooden bird cage; child's chalk board; new wooden magazine racks, made by Bud. Many other items too numerous to mention.

Sale starts with Household and Antiques, followed by Farm Related Antique Items.

Terms: Cash or Good Check. LUNCH Not Responsible for Accidents

HARRY (BUD) SWARTZ, Owner

Lyter, Clerks

BRYAN D. IMES

RD 2, Port Royal, PA. 17082
Phone 717/527-2449 or 4687
AU 001656-L

NOT RESPONSIBLE FOR ACCIDENTS

PUBLIC AUCTION

SAT., AUGUST 24, 1985

9:00 A.M.

REAL ESTATE & ANTIQUES

OF

Jacob Gingerich Estate

LOCATED: 3 miles Southeast of Starview, PA.-Mt. Wolf area, York County at Codorus Furnace. From Mt. Wolf follow Rt. 24 to Codorus Furnace Rd., at Luthern Church in Starview bear left, continue straight 3 mi., cross Codorus Creek & turn right, 1st farm on left past Codorus Furnace.

REAL ESTATE
12:00 NOON

Historical 14 room stone house w/2 fireplaces, surrounded by 160 acres of cleared & wooded area. Original part of the house was built in approx. 1753 & used as original Inn Masters House & Arsonal for Revolutionary War. Large frame barn, cement block garage, chicken house & other out buildings. Approx. 60 acres cleared & 100 acres wooded, land borders Codorus Creek on both sides & surrounds Codorus Furnace. Located in Hellam Twp., York County, Approx. ½ mile road frontage.

FOR INSPECTION OF REAL ESTATE & DETAILS

Ph. 717-764-6412 Daytime or 717-266-1671 Evenings

TERMS: 10% Down-Balance in 45 Days of Sale Date.

ANTIQUES
9:00 A.M.

4 Dry Sinks, Oak bedroom suites, sideboards, plank bottom chairs, mantle clocks, wood box, large wooden kitchen cupboard, Pfaltzgraff 3 gal. flowered crock, Heps flowered jug -of York, Queen Bengal Nickel-plate cookstove w/name of B.O. Poff of Mt. Wolf, 5 leg table, baskets, milk pails, wooden tub washer, asst. kerosene lamps, treddle sewing machine, Weaver pump organ, wooden rockers, blanket chests, quilts, drop-leaf tables, spool bed, wash stand, chest of drawers, Boston rockers, wash bowl set, spool cradle, cane seated rockers & chairs, clothes tree, treddle bed (rope), Zenith battery radio, dough trays, Irish bust, Cherry Boy figurines, picture frames, block-planes, wash boilers, wooden tubs, butter bowls & churns, Waterfall wardrobe, milkglass dresser set, tinware, trunk & glassware packed for years & many old items not mentioned.

Western saddle, flat bottom wooden boat, cider press, milk cans, butcher equipment, iron & copper kettles, sausage stuffers, meat grinder, knives, crocks, galvinized buckets, meat benches, perfection 3 burner stove, kettle hangers, scalding trough, post cards, egg grader, fainting couch, living room furniture, stirrers, hooks, Kelvinator freezer, Columbian cookstove, Kelvinator refrigerator, Maytag washer, 40" Kelvinator stove.

GUNS

IMPERIAL 12 GUAGE SINGLE SHOT
PHILBERT 32 HEXAGON BARREL
MANTON (BELGIUM) 12 GUAGE HAMMER MUZZLE LOADER
WINCHESTER MODEL 12-20 GUAGE
SAVAGE 22 W/SCOPE & CLIP-BOLT ACTION
SAVAGE 300 MODEL 99E
12 GUAGE DOUBLE BARREL-WALTON ARMS CO.-HAMMERLESS

AUCTIONEER'S NOTE: This is only a partial list, there are many items being found in preparing for sale-3 Generations of hand-me-downs, 100's of items not mentioned.

Estate of
Jacob Gingerich
Executor:
CATHERINE GINGERICH
Attorney:
Earl Doll

AUCTIONEER: Blaine N. Rentzel
Emigsville, PA.
717-764-6412
#761-L

ABSOLUTE AUCTION

REPOSSESSED VEHICLES

TUES. EVE. AUGUST 20, 1985

AT 6:30 P.M.

4101 North Front Street, Harrisburg, PA., at the Riverdrive Sunoco Service Station Rear Lot.

CARS TRUCKS

1984 Chev S-10 Pick Up, 18,000 Miles; 1984 Ford Bronco XLT 14,000 Miles; 1984 Plym Colt 28,000 Miles; 1984 VW GTI 10,000 Miles; 1982 Toyota Celica Supra 40,000 Miles; 1981 Plym Aries; 1980 Olds Cutlass Supreme 66,000 Miles; 1979 Ford Explorer Pick Up w/Cap 88,000 Miles; 1979 Toyota Corolla 39,000 Miles; 1979 Ford Pinto 74,000 Miles; 1979 Olds Delta Royale, Cruise, Tilt; 1978 Plym Arrow 78,000 Miles; 1978 Subaru DL, 92,000 Miles; 1978 Toyota Corolla, 5 Speed; 1975 Ford Granada 80,000 Miles; 1973 VW Beetle; 1973 Toyota Celica; 1972 Ford Flatbed Stake Body Truck, 21,000 GVW; 1970 Chev Camaro.

ALL SALES AS IS AND FINAL. COMPLETE PAYMENT IN FULL AT TIME OF AUCTION. TITLES ISSUED WITH CHECK CLEARS. INSPECTION DAY OF AUCTION FROM 1:00 P.M. TILL 'AUCTION. COMPLETE REMOVAL BY THURS. 8/22/85-NO EXCEPTIONS!!

Auction For:

COMMONWEALTH NATIONAL BANK
FULTON BANK

AU 1367

KERRY PAE AUCTIONEERS
4613 NORTH FRONT STREET
HARRISBURG, PA 17110
(717) 236-3752

"Hollinger's Farm Market Inc."

PUBLIC SALE

EQUIPMENT LIQUIDATION

TUES. EVE., AUGUST 20, 1985

At 4 P.M.

Located at 1755 W. Main St., (Rt. 322 W. of Ephrata), Ephrata, Pa.

GIFT SHOP DISPLAYS–6-96"x30" Sections of Lighted Rustic Display Shelves with 3 Tiers of Glass Shelves; 4-2'x4' Sections of Rustic Gift Shop Displays with 3 Tiers of Glass Shelves; Rustic Hutch Cupboard; Rustic Corner Cupboard; 3'x5' Knotty Pine Display Table; 2-42" Circular Wooden Display Tables; Candle Rack; Circular Display Tree; 20-Pieces of 11"x4' Glass Shelving with Adjustable Wall Mounting Brackets; 19-Pieces 8"x4' Glass Shelving with Adjustable Wall Mounting Brackets; 3-Drawer Storage Units; 2-4' Display Cupboards with Locking Glass Security Doors; 6'-9 Tier Ribbon Display Rack; 2-Silk Flower Display Racks.

SHELVING–6-3' Sections Childs Heavy Duty Shelving; 76-4' Sections of Childs Heavy Duty Shelving; Additional Childs and other brand Shelves; 12", 18" & 21" Heavy Duty Stainless Wire Shelving; Large Assortment of Pegboard J Hooks; Baker's Glass Enclosed Display Case; numerous Display Racks.

OTHER EQUIPMENT–A.B. Dick 320 Offset Duplicator Press; Toledo, Dayton, Hobart and Berkel Scales; Stromberg 2000 Time Clock; Key Making Machine; Electric Motors; Baker Wood Stove; 6-Sets 4 Lamp Lightalarms-Battery Powered Emergency Lighting Units; Aluminum Framed Glass Door; Stainless Steel Sink; 3-TEC Maconic Electronic Cash Registers; Outdoor Plant Display Tables; Assorted Greenhouse Tables; Glazed Window Sashes; Reflector Indoor/Outdoor Flood Lamp Units; Check-out Counter; Oil Fired Furnace; Air Conditioner; Desks; Bushel Baskets; Wooden Quart Containers; Crab Kettles; Hot Plate; Kitchen Blenders; Stainless Trays; Styrofoam Trays and many other items to be sold.

Terms By

HOLLINGER'S FARM MARKET INC.

T. Glenn Horst, Auct.
859-1331--AU000438L
Timothy G. Horst, Auct.
738-1245--AU001767L

ABSOLUTE AUCTION

THURS. EVE. AUGUST 22, 1985

AT 6:30 P.M.

Merrill-Lynch ... At 800 N. Third St., Hbg., Pa.

Due To Relocating Will Liquidate Surplus Furnishings

OFFICE FURNITURE

28 Walnut Office/Secretarial Desks, 24 Swivel Exec. Arm Chairs, 40 Assorted Office Chairs, 13 Five Drawer File Cabinets, 8 Secretary Chairs, 9 Credenzas, Large Conference Table, 12 Theater Seats, 19 Stacking Chairs, 6 Swivel Desk Chairs, 6 Multi-Drawer File Cabinets, 5 Stools, 3 Sq. Tables, 5 Waiting Room Chairs, Sofa, 2 Pedestal Tables, Large Bookcases, Hotpoint Microwave Oven, Small Tables, 5 Display Cabinets, Chair Pads, Wooden File Trays, Divider, Blinds, Pictures, Counters, Other Office Furnishings.

INSPECTION: From 1:00 P.M. on Auction Day Only!

Removal by Friday 8/23/85 at 5:00 P.M.

Auction For

MERRILL-LYNCH, PIERCE, FENNER, & SMITH, INC.

AU 1367 Food by: D & S Caterers

KERRY PAE AUCTIONEERS
4613 NORTH FRONT STREET
HARRISBURG, PA 17110
(717) 236-3752

Public Auction Register

Closing Date Monday 5 00 P M of each week s publication

WED AUG 21 - 4PM Charles B Kohr Estate Real Estate, Personal Property Location Approx 25 mis N of Lancaster in the Village of Mt Aetna along Rt 501, just N of the Square David Risser, Auct

THURS AUG 22 9 30AM Special Public Sale of All Kinds of Farm Tractors & Machinery Absolute Sales Watch for other dates For Keener Eq , Inc , 1531 Manheim Pike, Lancaster PA 717 569 9861 C H Wolgemuth & Blaine Rentzel, Aucts

THURS AUG 22 - 11AM Grain & Hog Eq Dispersal Located from I-80 Exit 5, Emlenton, PA, 9 mis S on Rt 38 or 18 mis N of Butler on Rt 38, then ½ mi W of Annisville Rd L C Borell, Owner Lloyd G Braham & Son, Aucts

THURS AUG 22 - 9 30AM Consignment Sale of Tractors, Combines, Farm Eq , Trucks Location Everetts Corner 3 mis W of Kenton, DE, on the corn er of Rt. 300 & Rt 44 on the DE & MD line. C T Scuse & Sons, Inc , Marvel Everett, Aucts

THURS. AUG 22 - 8PM Harkenrider Registered Holstein Complete Dispersal 70 Head Reg Holsteins Located 3 mis S. of Greenwood, 1 mi N of Rexville, 1 3/10 mis E of Rt. 248 on Loomis Rd Rexville, NY Paul & Tom Harkenrider, Owners William Kent, Inc , Aucts

THURS AUG. 22 - 6 30PM Office Furniture of Merrill-Lynch Office at 800 N Thirk St , Harrisburg, PA Auction for Merrill-Lynch, Pierce Fenner, & Smith, Inc Kerry Pae Auctioneers

FRI AUG 23 10AM Large Farm Eq & Dairy Cows Located between Mt Carmel and Danville along Rt 54 For Lloyd H & Jane W Garman Paul E Martin & John D Stauffer, Aucts

FRI AUG 23 - 5 30PM Gap Auction Antiques & Hshld Goods sold at every auction Located off Rt 41, Lancaster Turkey Hill Minit Mkt , cross RR bridge Ira Stoltzfus & Son, Aucts

FRI. & SAT. AUG 23 & 24 - 9AM Antique Collection of Clara M Brenner of West Earl Twp , Lanc Co Located Farmersville Firehall, East Farmersville Rd.., Ephrata, RD4, Farmersville, Lanc Co Terms by Catherine & Alfred Rettew T Glenn & Timothy G. Horst, Aucts

SAT AUG 24 - 11AM Aaron H & Stella B Martin Along Rt. 897, between Shaefferstown & Klinefeltersville, Leb Co , PA 100 Head of Dairy Cows & Heifers Paul E Martin & John D Stauffer, Aucts

SAT AUG 24 - 9AM Farm Eq & Tools, Antiques & Collectibles, Hshld Along Hooflander Rd between Klingerstown & Mandata, from Rt 225 in Mandata turn E between Hotel & Store, go through the Village of Urban, continue E to sale Approx 18 mis S of Sunbury, 45 mis N of Harrisburg Albert & Anna Hollenbach, Owner Mike & George Deibert, Aucts

SAT AUG 24 - 8 30AM Real Estate, Antiques & Coll , Hshld , Guns, Farm Mach Location Park Street (Ridgewood Park), Millersburg, PA Kathryn & Berlyn Zepp, Owners Dockey, Dockey & Deppen, Aucts

SAT AUG. 24 - 9 30AM Public Sale of Real Estate, Hshld., Antiques, Car Located 21 Keeler Ave , Reamstown, Lanc Co , PA Just off Rt 272 at Light Ordered by Ralph K Shupp, Executor of the Paul L Shupp Estate H H Leid Auction Service

ANNUAL CONSIGNMENT AUCTION

of Farm Machinery, Trucks Tools, Farm Related Items

MONDAY, LABOR DAY, SEPTEMBER 2, 1985

10 AM

Located at the auction barn at American Corner, MD. On Hwy. 621 between Denton and Federalsburg, MD.

For more information or advertising your equipment call, 301-479-0756.

Receiving equipment Friday, August 30, Saturday, August 31 up until sale time on Monday.

Terms: Cash or approved check (letter from bank).

A. Curtis Andrew Auction Inc.
Auctioneers:
Curtis Andrew
Mike Roe
Glen Watson

PUBLIC AUCTION

ED & DAVE

SATURDAY, SEPTEMBER 7, 1985

AT 10:00 A.M.

LOCATED IN POWELLS VALLEY, R.D. 2, HALIFAX, 5 MILES EAST ON POWELLS VALLEY OR CARSONVILLE ROAD, OFF ROUTE 225, OR 1 MILE SOUTH OF HALIFAX AT UPPER DAUPHIN BANK AND ½ MILE SOUTH ON SHEETZ ROAD. (APPROX. 20 MILES NORTHEAST OF HARRISBURG ON RT. 225) WATCH FOR SALE SIGNS THE DAY OF SALE.

HOUSE TRAILER

Amherst 12 ft. x 60 ft., 2-bedroom house trailer with all electric facilities, 3 doors, and skirting, hitch and wheels available. Easy to move and in very nice condition.

FOR INSPECTION CALL 896-8880.

TERMS: 10% down and the balance in 30 days. Trailer will be offered at 1:00 p.m

ANTIQUES AND COLLECTIBLES

Oak wash stand, oak chest of drawers with high back mirror, flour chest with dough tray, oak library table, 2 jelly cupboards, (one with drawers at top), yarn winder, wicker rocker, plank and cane-bottom chairs, flat-top trunk, wooden butter churn on stand, copper apple butter kettle, butcher iron kettle, pine chest of drawers, early form 6 ft. kitchen cupboard tp½ with blind doors, crocks and jugs, picture frames, wooden bucket, brass front huckster scale, Dietz lanterns, cow bells, rug beaters, rail lamp, string of 34 sleigh bells (up to 3" in diameter clip-type), cast iron pots, Tollware coffee pot and tea kettles, metal express wagon, Kiddy Kart, and other small items.

HOUSEHOLD GOODS

Westinghouse refrigerator, Frigidaire 15 cu. ft. chest freezer, Speed Queen automatic washer, Westinghouse automatic clothes dryer, 7-piece solid maple dining room suite, two 4½ ft. maple corner cupboards, two 5-piece walnut bedroom suite, mahogany double bed with box spring and mattress, two walnut end tables with doors, two 4-ft. walnut coffee tables, maple chair, Zenith black & white portable TV, white portable sewing machine, single metal bed with box spring and mattress, swivel rocker, porcelain table and chairs, metal kitchen cabinet, metal wardrobes and utility cabinets, pair of heavy base beautiful table lamps, floor lamps, baby crib, lawn furniture (metal and others), folding picnic table and benches, porch swing, electric appliances including Mr. Coffee maker, 4-slice toaster, irons, cooker, GE clock radio and others, home interior pieces, canning jars, pots, pans, and other items.

LAWN TRACTOR

Wheel Horse (GT 1000) lawn tractor, trans axle with 42" mower, (only 1 year old).

FARM EQUIPMENT & TOOLS

Ford 3000 tractor with 1850 hours in good running order and good condition with wheel weights, Ford 3-bottom 14" 3-point hitch plow, Ford 3-point 10 ft. harrow, Ferguson 3-point cultivator, Ford (501) 7 ft. PTO mower with rear mount, Arps 3-point utility blade, small farm wagon, 13x6x28 tractor chains, hand cultivator, 35 ft. wood extension ladder, stepladder, fruit baskets, roll chicken wire, metal fence posts, 2 large screw jacks, log chains, tree pruner and garden tools, grease gun, small hand tools, two boys' bicycles, muskrat and fox traps, box traps, hide stretcher, duck decoys, 70 cal. bullet mold, 50 cal. bullet mold, miscellaneous rough lumber including 2x4's, 1x6's, 2x6's, and others, also small farm items.

THIS IS A SALE OF VERY NICE ANTIQUES AND CLEAN HOUSEHOLD GOODS AND FARM EQUIPMENT IN NICE CONDITION. Make plans to attend. Reason for sale...sold farm and is relocating.

Edwin Shoop, AU-000A42-L
Phone 717-896-8305
David Deibler, AU-001213-L
Phone 717-896-8530
Auctioneers

TERMS: Cash or certified check; personal checks accepted if established account with auctioneers.

Food will be available. HOUSE TRAILER OFFERED AT 1:00 P.M FARM EQUIPMENT OFFERED AT 2:00 P.M.

MRS. PORTIA HOFFMAN, OWNER

ANTIQUE AUCTION

SATURDAY, AUGUST 24, 1985

Auction Beginning at 10:07 A.M.

This is our second shipment of antiques from England, Scotland and Wales making this sale worthy of the attention of every serious collector, dealer and investor.

The auction to be held at FORTNA'S ANNVILLE AUCTION CO. & GALLERY, 18 E. Main St., Annville, Pa. on the south side of Route 422 approximately ½ block from the traffic light in Lebanon County.

Absolute Auction. Every piece will be sold regardless of price.

* FURNITURE *

PARTIAL LISTING

Vict. Pine Dresser, Vict. Piano, Lg. Mahogany Combo. Robe, Mahog. Sideboard, Empire Sideboard, Kitchen Cabinet, Walnut Robe, Walnut Chest, 5 Pce. Bed Set, 3 Pc. Bed Set, Walnut Bed Ends, Vict. Mahog. Chiff., Pine Table, Vict. Bed, Vict. Organ, Hall Tree, Oak Robe, Open Bookcase, Vict. Fold Over Tea Table, Vict. Louis Style Chiff., Ball & Claw Display, Writing Desk, Inlaid Cupboard, Oak Chest, Gate Leg Table, Mahog. Display Cab., Tallboy Cupboard, Continental Kitchen Unit, Coal Box, Bureau Bookcase, Tall Boy, 5 Cromwellian Chairs, Lambing Rocker, 4 Country Chairs, Ladder Back Arm Chair, 4 Bentwood Chairs, Vict. Pine Kitchen Cab, Oak Hall Tree, Pair Bentwood Chairs, Oak Gate Legged Table, Oak Dinning Rm. Table, Library Bookcase, Inlaid Robe, Pine Dresser, Sea Chest, Vict. Pine Bookcase, Pine Pot Cupboard, Pine Side Table, Pine Pew, Linen Box, Habadashery Cabinet, 4 Q.A. Chairs, and Many Other A.W. Chairs, Victorian Bedroom Suite Grandfathers Clock.

* * ACCESSORIES * *

Two Cloth Horses, Wash Basket, and Many Other Baskets, Scrubbing Board, Dolly Peg, 7 Flat Irons, Table and Floor Lamps, Scales & Weights, Bred Bins, Seive, 2 Mincers, 4 Cutting Boards, 3 Butter Churns, Meat Tins, Mincer, Carving Set, Cheese Churn, Bread Slicer, Meat Slicer, Grinder, Bottles, Picture Frames, Chamber Pots, Vict. Shoe Lasts, 14 B/W Plates, Stool, 3 Wooden Boxes, Carpet Beater, Gentlemans Case, Smokers Poll, 20 Oriental Rugs.

AUCTIONEERS NOTE: This is a fine lot of primative antiques. Nearly every piece was chosen and hand picked to fit the decor of local homes and businesses. Because items are still being consigned it is impossible to list all items that will be up for Auction.

TERMS: Immediate payment by cash. Cashier's check, Master Card or Visa. We will only accept checks from the state of Pennsylvania with bank letter of credit. All sales are final with immediate removal of merchandise. Temporary storage is available in the Auction Co. Warehouse at a reasonable fee. All other terms to be announced on sale day. Note – No Buyers Charge.

Join us for a fun-filled day in our beautiful air conditioned auction gallery as the bargains go marching across the auction block.

PREVIEW! Friday, August 23, 4:00 to 8:00 P.M.
Lunch Available on Premises

Conditions by **MR. SUTCLIFFE ENGLAND**

LUNCH AVAILABLE ON PREMISES — Conditions by Mr Sutcliffe England

MasterCard VISA

FORTNA'S
Annville Auction Co & Gallery

GAI

18 E Main Street Annville PA 17003 • Phone 717 867 1370 or 717 867 4451
Michael R Fortna CAI Auctioneer Lic No 001711 L
and Tom Eckenrode AV001369 L

Merchandise now being accepted for upcoming SALES!

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

SAT AUG 24 - 9:30AM Line Eq & Trucks. FOR Atlantic Electric, Cologne, NJ Vilsmeier Auction Co , Inc

SAT AUG 24 - 9AM Antiques, Hshld Located 1 mi E of East Berlin, on Rt 234 then turn N. onto Canal Rd. 2 mis OR take Rt 30, 8 mis W of York thence turning N. onto Bigmount Rd. to sale Ada E Leppo, Owner C R Slaybaugh, Auct.

SAT AUG 24 - 9AM Farm Mach & Related Items Located in Juniata Co., 2 mis S of Port Royal just off Groninger Valley Rd Harry Swartz, Owner Bryan D. Imes, Auct.

SAT AUG 24 - 9AM Real Estate & Antiques of Jacob Gingerich Estate. Located 3 mis. SE of Starview, PA. Mt. Wolf area, York Co. at Codorus Furnace. Blaine N Rentzel, Auct.

SAT. AUG 24 - 9:30AM Hshld., Antiques, Collectables, New Store Items, 1957 Chevy Convertible From I-80 Exit 33, go towards Danville about 1½ mi., turn off at auction sign, Rt 642 E Jerseytown Rd Keep on 642 for about 2 mis. Turn off Rd. at Hess Mobile Home Court sign Go 1 mi , first home past mobile home court on top of hill Leroy & Eunice Kramer, Sellers Nevius Auction Service

SAT. AUG 24 - 9AM Furniture, Hshld, Antiques, Collectables Located Mill Hill Rd , Hamburg, PA, approx 5 mis W of Hamburg, PA, or 2 mis. E. of Shartlesville, PA, 1 block off Old Rt. 22 Near Wengers Farm Mach Sold For: Mr Michael B. Rentschler. Klinger Auctioneer Service

SAT AUG 24 - 9:30AM Tractors, Snowmobiles, Thoroughbred Mares, Tools, Hshld. Located approx 7 mis W. of Gettysburg, PA, along Rt. 116 at Windy Willow Farm, near Fairfield, PA. Donald & Sandy Smith, Owners. Dennis J Plunkert, Auct.

SAT AUG. 24 - 10AM Tractor & Horse Drawn Eq , Hshld., Misc. Located in Calvary Section of Shenandoah Co. off Rt 42, approx 3 mis W of Woodstock, VA I-81, Exit 72. Bill & Eleanor Cooley Burdette & Joe Foltz, Auctioneers

SAT AUG. 24 - 10:07AM Antiques from England, Scotland, Wales. Located Fortna's Annville Auction Co & Gallery, 18 E Main St , Annville, PA, on the S side of Rt 422 approx ½ block from the traffic light in Lebanon Co Conditions by Mr. Sutcliffe England Michael R Fortna & Tom Eckenrode, Auctioneers

SAT. AUG. 24 - 12 Noon Plumley Complete Farm Dispersal of Real Estate, 31 Head of Holstein Livestock, Farm Mach. 2 mis. W. of Lindley, NY, 10 mi from Addison. 15 mis from Corning. Mr & Mrs Carlos Plumley, Owners Sale by Beards.

SAT AUG 24 - 10AM Real Estate, Personal Property, Tools, Cars, Equipment. Located in New Providence Twp., approx. 9 mis S of Lancaster. From Rt. 272 turn E. of Fairview School Rd. (near R&J Arco Gas & Groc.), approx. ½ mi. to driveway on right Property is at end of drive on top of hill. Sale for: Paul Richard Strickler Estate. Kenneth L. Long, Auct & Kenneth E Long, App.

SAT AUG 24 - 11AM Complete Liquidation of Cattaraugas Ford Tractor, Inc , Hindsdale, NY Exit 27 off NYS Rt 17 Six mis E of Olean, can see from Rt 17 Sale by Goodrich Auction Service

SAT AUG 24 - 10 30AM Farm Machinery, Tools, Antique Tools and Collectables Estate of Leon Spencer, Center Grove, NJ Located 5 mis E of Bridgeton and 7 mis S of Millville From Delaware Memorial Bridge, take Rt 49, 2 mis E of Bridgeton, take Rt 553 to Cedarville Then turn left at the traffic light, to sale. Al Force, Auct

SUN AUG 25 - 10AM Vehicles & Farm Eq For Don Neilson, Trooper & Egypt Rds., Audubon, Lower Providence Twp., PA. Earl MacIlwain Aucts.

MON AUG 26 - 11AM Ridge-Till Farm Eq Located 11 mis. SE of Peru, Indiana. Mr. & Mrs Phil Rebholz, Owners Schrader Real Estate & Auction Co

SAT. AUG. 27 - Benefit Sale for Wagentown Parochial School Heifers, Farm Mach , etc Steve Petersheim, Auct

TUES. AUG. 27 1PM 4BR House and Cabin on River Front. Located Oak Ridge Drive, adjacent to Tanglewood Golf Course Owners, Elmer & Anna Glick Steve Petersheim & Steve Jr , Aucts.

TUES THRU FRI , AUG 27 THRU 30 - 9AM All Days. Antique Furnishings, Bric-Brac, Hardware, Tools, Van, etc Located 45'x87' first-floor sales barn situate 3 mis E of Gettysburg along Rt 30 in Straban Twp , Adams Co , PA Clarence R Hartlaub Estate Adams Co Nat'l Bank, Executor Clair R Slaybaugh, Auct.

WED AUG 28 - 2PM 400 Yearling Cattle Buckhannon, WV Sponsored by West Virginia Cattlemen's Assoc.

WED AUG 28 - 9AM Valuable Antiques & Books. Located just E of Intercourse, PA, at 3741 Old Philadelphia Pk. (Rt 340). Sale by Sue Worst, Executrix for Raymond B. Worst Estate. E.M Murry Associates Auctioneers

WED AUG. 28 - 11AM Carl-A Farm - Willier, Inc., Production Sale of 65 Reg Holsteins. Located across from the Lanc. Co. Airport between Lancaster & Lititz, Lanc. Co., PA. From US 30 take Rt. 501 N and follow signs to the Airport. Remsburg Sale Service, Aucts.

THURS. AUG 29 - 11AM 80 Reg -I.D and Grade Holstein Dispersal. For Paul Cornish located on Rt 610, ½ mi W off Rt 519, 3 mis S of Hope, NJ From Rt. 80 use Hope Exit' 3 mis N of R t 46 from Bridgeville, NJ (cross rd light) Col Fred R Daniel Auctioneer, Inc

THURS AUG 29 - 7 30PM Berks Co Club Sale of 55 Reg Holsteins Located behind Fairgrounds Mall 1 mi NE of Reading, PA, between Rt. 61 & Rt. 222 (Old Reading Fairgrounds) Sponsored by Berks Co Holstein Club. Remsburg Sale Service, Aucts

THURS AUG 29 12 30PM 333rd Special Guernsey Sale of 60 Head Sale at the Guernsey Sales Pavilion, 6 mis. E of Lancaster, PA, on Rt 30 Sale Mgrs PA Guernsey Breeders' Assoc , The Merryman Co

GAP AUCTION

FRIDAY EVE., AUGUST 23

5:30 P.M.

Located off Route 41 - Lancaster Avenue Opposite Turkey Hill Minit Market - Cross RR Bridge

ANTIQUES AND HOUSEHOLD GOODS
SOLD AT EVERY AUCTION

CONSIGNMENTS ON MONDAYS
FROM 8:00 A.M. to 7:00 P.M.

IRA STOLTZFUS & SONS, Auctioneers
442-4936 or 442-8254
AU000907-L
CONDUCTORS ALL TYPES PUBLIC SALES

LEE D. DOCKEY AUCTIONEER
REAL ESTATE LIQUIDATOR APPRAISER
Box 184 Pillow, Pa. 17080
Phone 758-6004

PUBLIC AUCTION

SATURDAY, AUGUST 24, 1985
8:30 A.M.
Location: Park Street (Ridgewood Park),
Millersburg, Pennsylvania

REAL ESTATE

1½-STORY FRAME RANCH-TYPE HOME w/REDWOOD SIDING situate on Lots 50 and 51 on the Plan of Lots of Ridgewood Park, said Plan being recorded in the office of the recording of deeds in and for Dauphin County in Plan Book "R", page 46 First floor contains KITCHEN w/DINING AREA, LIVING ROOM w/BEN FRANKLIN WOODBURNING STOVE, 3 BEDROOMS, FULL BATH & SCREENED-IN PATIO.. FULLY CEMENTED BASEMENT w/REC ROOM & WORK AREA... KEYSTONE HOT WATER OIL FURNACE. For additional information or inspection, phone 717-692-3546 or 717-758-6004 Real Estate will be offered at 1:00 P.M

ANTIQUES & COLLECTIBLES

Oak Cylinder Roll Butter Print Desk, Oak Stand w/Lions Head Legs, 3 Pc Waterfall Bedroom Suite, Waterfall Cedar Chest, Dough Tray, Refinished Wood Box, Tramp Art Blanket Chest, Round-Top Trunk, Walnut Case Sewing Machine, (2) Wicker Chairs, Wicker Doll's Carriage, Wicker Potty Chair, School Desks, Cane Seated Rocker, Plank Bottom Chairs, Pressed Kitchen Mantel Clock, Edw P Baird & Co Wall Clock, PRR Railroad Lantern, Horn & Bucket by Staley Bros , Liverpool, Kerosene Lamp, Assorted Crocks, Sadirons, Big Little Books, Collection of Pocket Knives, Roseville Planter, 1910 Calendar Plate, Assortment of Souvenir Plates & Depression Glass, App 48 Pcs of Fostoria, Elgin, Waltham & Builtright Pocket Watches, Ladies 16J Wrist Watch by Montreaux Watch Co , NY Standard Closed Face Lapel Watch, Etc

HOUSEHOLD ITEMS

G E 30" Stove, G E 14 2 cu ft No Frost Refrigerator, Speed Queen Automatic Washer, Westinghouse Dryer, Dumont Floor Model Stereo w/8-Track Tape & AM-FM Radio, (2) Window Air Conditioners, White & Elgin Electric Sewing Machines, 3-Pc Living Room Suite, 9-Pc Breakfast Set, Bunk Beds, Reproduction Plank Bottom Rocker, Glass Baskets, Assorted Kerosene Lamps, Binoculars, Misc Fishing Equipment, Dishes, Pots & Pans, Etc

GUNS

Hopkins & Allen 38 Cal Double Action Revolver, H&R Sportsman Double Action 22LR Revolver, US Revolver Co 38 Cal , H&R Young American Double Action 32S&W-CTGE Revolver, American Bulldog 38 Cal Revolver, Mauser 98 1916 Action 8mm w/Redfield Receiver Sight, Mossberg Mod 260 22 Smooth Bore Rifle, Winchester Mod 1904 22 Cal , F M Mauser Custom Made 30 06 Cal w/American Eagle 4x32 Scope, Remington Mod 722 222 Cal w/Scope 4x40, Winchester Mod 1200 12 Ga , J C Higgins Mod 20 16 Ga , Hopkins & Allen Double Barrel Hammerless 12 Ga , L C Smith Double Barrel w/Hammers 10 Ga (formerly belonged to old Pop Hunter who operated the Ferry), Jukar Spain 45 Cal Black Powder Percussion, Crossman Air Gun Power Master 760, Gun Cabinet, Lg Assortment of Gun Paraphernalia Such as Shells, Holsters, Etc (GUNS WILL BE SOLD AT 12 00 NOON)

DYNAMARK 10 HP ELECTRIC START
RIDING LAWN TRACTOR w/36" CUT MOWER
TOOLS & MISC ITEMS

"The Beaver" Combination Jointer, Cross Cut & Table Saw, Toolkraft Table Saw w/Powr-Kraft ½ hp Motor, Toledo No 1A Pipe Threader, Metal Pipe Vise w/Stand, Black & Decker Circle Saw, B&D Finishing Sander, ½" Electric Drill, Skil Saw Model J, Assorted Electric Sabre Saws, Mitre Boxes, 1 Ton Cyclone Model M Chain Block & Tackle, Lg Assortment of Hand Tools such as Wrenches, Hammers, Planes, Hand Saws, Etc & Garden Tools, Assortment of Electric Motors, Homelite 330 Chain Saw, Scotts Rotary Lawn Seeder, Snow Blower (for a Series B Wheel Horse Tractor), Assortment of Fox & Muskrat Traps, Gas Cans, Etc (SALE WILL BEGIN WITH TOOLS)

TERMS: REAL ESTATE - 10% DOWN. FURTHER TERMS AND CONDITIONS TO BE GIVEN DAY OF SALE. PERSONAL PROPERTY - CASH. PERSONAL CHECKS ACCEPTED ONLY FROM PERSONS HAVING AN ESTABLISHED ACCOUNT WITH AUCTIONEER OR APPROVAL PRIOR TO DAY OF SALE

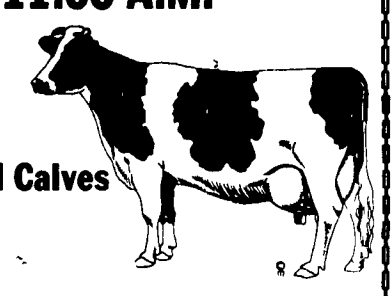
KATHRYN & BERLYN ZEPP, OWNERS

James A. Ulsh, Esq.
Auctioneers:
Dockey #AU229L, Dockey #AU1683L & Deppen #AU1957L

COMPLETE DISPERSAL
ROSS-WOOD HOLSTEINS

On the farm located near New Windsor in Carroll County, Md. From Route 26 in Libertytown take Route 31 north, turn left on Old New Windsor Rd. just after crossing the Carroll Co. line. Follow to Hawks Hill Rd., turn left and go one mile, turn right on Winters Church Rd. to first farm on left. Watch for sale signs.

WEDNESDAY, AUGUST 21-11:00 A.M.



61 HOLSTEINS 61
46 Registered-15 Grades
30 Cows-12 Bred Heifers-19 Open Heifers and Calves
12 Head Just Fresh or Due in 60 Days

POPULAR SIRES:

Glendell Arlinda Chief, Marsfield Elevation Tony, Wapa Arlinda Conductor, Paclamar Astronaut, Pawnee Farm Arlinda Chief, Milu Betty Ivanhoe Chief, Round Oak Rag Apple Elevation and other high P.D. sires

FEATURING:

VG Conductor dtr. with 3-6 365d 20,820M 889F (C.I. +630 +.09 +39 +$106). Dam VG-86 with 27,270 and 1077. Gr'dam VG-86 with over 206,000M lifetime. Full sister sells with +$117, her dtr. by Pawnee Farm Arlinda Chief also sells.

OTHERS SELLING:

Glendell Arlinda Chief dtr. due Oct., dam GP-81 with 520F.

Conductor dtr. safe in calf, dam VG-86 Elevation dtr. with 21,530 and 707.

Astronaut dtr. GP-84 with 25,080M and 647F, dam VG with 547, gr'dam VG with 21,797M and 778F Next dam EX with 811.

Gr'dtr of Astronaut GP-83 with 23,990M and 873F. She has 3 dtrs. by Pawnee Farm Arlinda Chief (one is fresh and very nice).

VG Fury Ivan dtr. 3-5 365 23,090 670 sells fresh. Dtr. by Marshfield Elevation Tony also sells.

VG gr'dtr of Elevation with 664F, dam GP with 550F, gr'dam VG with 18,100M and 656F.

Coldsprings Enos dtr. 2-6 365 19,250 639. Dam VG-88 with 952F, her dtr. by Round Oak Rag Apple Elevation also sells.

Pacemaker dtr. GP-82 2-10 365 16,690 4.0 659, dam VG86 with 629F.

Astronaut dtr. with 2-4 18,700 3.6 672.

★ 5 SEMEN TANKS AND SEMEN ★

3 Linde Super 30's, one MVE Model A1 39 and one Linde LRS-19 Shipper Tank.
Semen selling: Paclamar Astronaut (333), Pawnee Farm Arlinda Chief (247), Milu Betty Ivanhoe Chief (65), Glendell Arlinda Chief (1), Marshfield Elevation Tony (2), Sunnyside Standout (18) and a large inventory of other Holstein semen plus some beef semen.
Sale Manager's Note: Ross-Wood Farm was the home of Meredith Blackie Sunshine Star VG-86 with a top record of 27,270M and 1077F, and a lifetime of 194,000M. She was a gr'dtr of Winterthur Zeus Burke Champion and her dam was a VG-86 Osborndale Ivanhoe dtr. with a lifetime of 206,020M. Three of her sons have been used in A.I. Two of her dtrs. sell in the sale and a large number of grand daughters. Approximately 35% of the herd traces back to Blackie, one of the great brood cows in Maryland. For strong blood lines plan to attend this sale.

Tested for Interstate Shipment **Pregnancy Examined**

Sale Manager
REMSBURG
Sale *Service*
P.O. Box 177 ·
Jefferson, MD 21755
301-473-8214

Owner,
ESTATE OF ALBERT K. ROSS
1200 Winters Church Rd.
New Windsor, Md. 21776
301-875-2006
MRS. BRENDA LENTZNER,
Personal Representative

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

FRI AUG 30 - 7 00 Lebanon Co Holstein Club Holstein Auction, Lebanon Area Fairgrounds Harry H Bachman, Auctioneer

FRI AUG 30 - 10 AM Public Auction of Fall Harvesting Eq Located 312 Park Ave , Quarryville, PA Sale by A L Herr & Bro Kreider & Kline, Aucts

FRI AUG 30 - 9 30AM Farm Mach , 44 Head Dairy Herd Located on Hickory Bottom Rd , turn off Rt 866 at Curryville or turn right off Rt 36, 1 mi N of Waterside Keith & Betty J Bla[illegible] Owners John I Dilling, Auct

SAT AUG 31 11 AM Horse Sale Keister's Middleburg

SAT AUG 31 10 30AM Farm Machinery Auction Located at Gockley's Farm Machinery, RD2 Reinholds, Lanc Co , PA Fred Goodrich, Auctioneer

SAT AUG 31 - 9·30AM Estate Auction of Richardson 10x40 Mobilehome, Farm & Horse Eq , & Tools Located between Lavelle & Locust Dale, 1 mi W of Ashland, 7 mis N of I-81 Exit 35 Estate of Clyde W Fetterolf Sr Mike & George Deibert, Aucts

SAT AUG 31 - 11AM Farm Mach , Tools 2 mis S of Cochranville Mrs Wayne Graybill, Owner Steve Petersheim, Auct

SAT AUG 31 - 9AM 8½ acre farmette, Hshld , Antiques Intersection of Ridge Rd and Horse Shoe Trail just outside of Denver Boro in West Cocalico Twp , Lanc Co , PA Sale ordered by William & Stella Getz H H Leid Auction Service

SAT AUG 31 - 9AM Antiques & Collectibles, Hshld , Vehicles, Farm Eq Located farm of Late Dennis Beaver, 1 3/10 mis E of Rt 15, 3 mis S of Winfield on 3 mis N of the Shamokin Dam Traffic Circle, Snyder Co , PA Dale L Longacre Auctioneering

SAT AUG 31 - 2PM Real Estate Auction Location North Hollow Heights, Sweden Twp , Coudersport, Potter Co , PA Kenneth A Geyer Auction Co , Inc

SAT AUG 31 - 1PM Real Estate Auction Located at The Late Irene Reed Farm, Bedford Co , Hopewell, PA Jack & Preston Weaver, Aucts

SEPTEMBER

MON SEPT 2 - 10AM Antiques & Collectibles Located at Shop & Play Hall, Rt 209, Lykens, PA Estate of Alma C Dyer & Sandra J & David J Dyer Dockey, Dockey, & Deppen, Aucts

MON. SEPT 2 - 9AM Antiques & Collectables Farmersville Auction in Farmersville, 3 mis E of Brownstown, Lanc Co , PA

PUBLIC AUCTION

31 ACRE FARM
REAL ESTATE

THURSDAY, SEPTEMBER 5, 1985

1:30 P.M.

Auction to be held on the premises located at 1903 S. Lincoln Ave., corner of Evergreen Rd. and Lincoln Ave., S. Lebanon Twp., Lebanon County, Pa. From rt. 72 south of Lebanon turn east on Rocherty Rd. to Evergreen Rd. to property on right before Cedar Crest High School.

Real estate being appx. 31+ acres, zoned agriculture with appx. 26 acres being tillable thereon located a large 2½ story house with first floor having modern kitchen, dining room, double living room, parlor, storage room and ½ bath Second floor has 5 bedrooms, full bath and ½ bath. Large attic and basement areas. Home is heated by oil hot air heat and has a drilled well and on lot septic system.

Other improvements include small summer house, 2 story frame barn, machinery shed and various other outbuildings. Inspection by calling 272-0398 after 4:00. Terms to be 10% down with the balance due within 45 days.

This auction offers a unique opportunity to purchase a small farmette close to the city limits yet offering all the comforts of country living. Call today for an inspection of this lovely property.

Conditions by
JOHN KRISSINGER

Harry H. Bachman - Auctioneer
717-867-1809 AU-000033-L
Allen Krause - Attorney
272-7111

Public Sale

OF VALUABLE 56 ACRE FARM AND PERSONAL PROPERTY

THURS., SEPTEMBER 19, 1985

At 1:00 P.M.

Located midway between Rt. 23 and 340. Turn off of Horseshoe Road, close to CV High School on Willow Road. Turn right on Forry Road. First farm left. East Lampeter Township, Lancaster County, PA.

56 Acre Farm more or less w/Stream

Real Estate at 1 P.M.
Personal Property following

2½ story brick dwelling with frame summer house attached, large kitchen, laundry, mud room and 3 large rooms on first floor, 5 rooms, full bath on second floor, 2 stairways, full basement, arch cellar, well with pressure system.

Frame bank barn, 14'x50' concrete stave silo attached, 20 comfort stalls, horse stable with attached heifer pens and storage above, milk house, large one story heifer and equipment shed, frame tobacco and corn barn, frame tobacco shed with stripping room and damping cellar, 2 corn cribs 5'x20', 3 car garage with cement concrete floors.

AUCTIONEER'S NOTE: **House built in 1855. 10% down day of sale, balance on or before January 15, 1986. Open for inspection August 31 and September 7, from 2-4:00 p.m. or call 354-4915 or 354-8343 for appointment. Ask for Ann.**

PERSONAL PROPERTY – Large Dinner Bell; Old Bench; Old Cupboard; 3 Drawer Dovetailed Chest; Pea Scales; Lumber; 36' Extension Ladder; 8,000 tobacco Laths and many other articles not mentioned. 10 Acres Standing Corn.

TERMS BY:
ESTHER K. FORRY
John E. Forry, deceased

AUCTIONEERS
Robert E. & Jeffrey R. Martin
656-7770, AU-000580-L
Frank L. Steller
Kenneth Howard - Atty.
APPEL, YOST & SORRENTINO

PUBLIC SALE

MANY FINE AND RARE ANTIQUES
100 YEARS OF UNTOUCHED HOUSEHOLD GOODS
NUMBER OF ITEMS STORED AWAY FROM THE COUNTRY STORE

SAT., AUGUST 24, 1985

at 9:00 A.M. SHARP!

Will be held on the premises located 1 mile East of East Berlin, on Route #234 then turn North onto Canal Road 2 miles or Take Route #30 8-miles West of York thence turning North onto Bigmount Road to sale. Sale in The Village of Bigmount, York County, PA. (Sale signs posted).

ANTIQUES

Nice 2-piece Pine Dutch Cupboard with 2 6-pane glass doors, base with 2 doors and 2 overlap drawers; Cherry 4-leg Dropleaf Table with drawers; Softwood 6-leg Dropleaf Table; 4 Nice softwood Blanket Chests; buttermilk finish, 1 with secret compartment, all 4 with glove boxes & dovetailed; Pine Tavern Table with 2 overlap drawers; Pie Cupboard; 2 Meat Benches; Bucket Bench; 2 Wooden Wash Tubs; Knolls wooden tub Wringer Washer; Nice Coverlid with eagles; Number of fine Quilts; Fancy 6-piece oak bedroom suite; 2 Other oak high back beds; Nice rope bed; Plank bottom chairs; 4 High chairs; 4 Express wagons; Oak stand; Extra bedroom chairs; Oak dropleaf extension table; 2 Youth cradles; 2 Youth cribs, 1 oak and 1 wrought iron; Fancy wrought iron single bed, brass finneals; Rockers; Empire chest of drawers; Egg shape library table; Nice dry sink; York-Weaver player piano with bench and rolls; Sheet music; Large Larkin wall mirror; Wood measures; 2 Wood mortise benches; Coffee Grinder; Mounted deer head with mirror; Nice copper 30 gal. apple butter kettle; Cast iron kettle; Kettle hanger and 2 3-foots; 2 Copper washboilers; Large dinner bell; Rainbow carpet; Many picture frames; 2 Treadle sewing machines, 1 a Wilson; Old glass lamp fixtures with shades; Ceiling oil lamp parts; 3 Carpet Beaters; Yard sticks; Rules; Post cards; Many signed wooden boxes; Flat irons; Shoe last; Gas iron; Old bolts of gingham dress material; Old quilt patches; Crochet material; Bedroom chambers; 19th Century Costumes; Shawls; Wooden barrels; Lot of old tinware; Large Polar Bear tobacco box; Copper tea kettles; Enamelware; Cookie cutters; Nice pink floral half shade oil lamp; Glass stem oil lamp; Old console radio; 2 washboards; Clothes and market baskets; 3 Cast iron cookpots; Iron dress crimper; Winthrop secretary writing desk; Nice old red tablecloth; Feed bags; Powder horn; Shotgun flash & shot bags; Tin dinner horn; 70 Stone crocks, some nice redware; Earthen pie plates; 7 Stone jugs; 3 Cuspidors, 1 a 4" high & 9½" wide slipware, 1 blue & white paste and 1 brown; Aunt Jamima rag doll; Other dolls; Brass toy saxiphone; Tin toys; Rodgers flatware; Pattern & press glass; Luncheon set of pink depression glass in original box plus other items; Shirley Temple piece; Ironstone china; Opalescent pieces; 8 Ranger Joe cups; 20 Fine Cracker Jack items; Glass marbles; Many 1858 canning jars; Nail kegs; Doilies; Small froe.

MODERN

2 Maytag wringer washers; Large estate heatrola; Oil space heater; Galvanized tubs; 2 Rollaway beds with mattresses; Set of china; Many nice new bed blankets; Sheets; Pillow cases; Linen material; 3' stepladder; Shop & garden tools; plus many, many items too numerous to mention.

COME EARLY, SOMETHING FOR EVERYONE.

No inspection until day of sale. Not responsible for accidents at sale.

TERMS: **Cash, travelers, cashier or personal checks with approval. Out of state checks must be accompanied by letter of credit if not known.**

Owner,
ADA E. LEPPO
RD Thomasville, PA

CLAIR R. SLAYBAUGH, Auctioneer
Idaville, PA Phone: 717-677-7479
License: #856L

ANNUAL FALL MACHINERY SALE

FRIDAY, SEPTEMBER 6, 1985

at 9:00 A.M.
At the Belleville Livestock Mkt., Belleville, Pa.

Selling all kinds of machinery, haying and forage equipment, plows, harrows, spreaders, etc., tractors and hay at 1:00 P.M.

Make your consignments to this sale by 5:00 P.M., day before sale.

BELLEVILLE LIVESTOCK MKT., INC.
717-935-2146

LLOYD H. & JANE W. GARMAN

DISPERSAL AT PUBLIC AUCTION

LARGE FARM EQUIP.
GRAIN BINS, DAIRY COWS

FRIDAY, AUGUST 23, 1985

Auction Time: 10:00 A.M.
Dairy Cows: 12:00 Noon

Located along Route 54, 14 miles west of Mt. Carmel, 4 miles east of Danville, Northumberland County, Pa.

INTERNATIONAL 815 COMBINE

Diesel, Cab, Air, Hydrostatic, #810 Fifteen' Grain Table with Floating Cutter Bar, 4 Row Corn Head. This is a late model combine with Automatic Header Control. Excellent condition.

INTERNATIONAL 1086 DIESEL

Cab, Air, Dual Outlets, 20.8 Radials; Only 2100 hrs.

INTERNATIONAL HYDRO 70 DIESEL
W.F.E., 3 PT. HITCH
2-I.H. #120 FORAGE WAGONS

on 12 ton tandem gears, like new; I.H. 720 HARVESTER, new knives & shear bar, with 2 row W-N Corn Head, Pickup Head; I.H. #510 7x16 DOUBLE DISK GRAIN DRILL; I.H. #45 VIBRE SHANK, 18' with wings; I.H. #55 ELEVEN TOOTH CHISEL PLOW. Trailer Type; KRAUSE #1577 CENTER FOLD 16' DISK HARROW with ROCK FLEX SPRINGS; Gehl #99 Hopper Blower; Hershey #225 Bin Wagon on 8 Ton Gear; Little Giant 28' Elevator; N.H. #467 Haybine; N.H. 679 TANDEM AXLE SPREADER with Hydraulic Gate, T Bar Web; I.H. #53 4 Row 3 pt. Cultivator; I.H. #4 3 pt. 4 Section Rotary Hoe; Bazooka 8"x50' Transport Auger; P.T.O. drive; J.D. #401 8'x28' Equipment Trailer; York 3 pt. Blade; Hesston #10 Stack Mover; New Idea Corn Sheller for #311 Corn Picker; Meyers 7' Snow Plow; Heavy Duty 3 pt. V Plow; 3 DeLaval Milker Pails; Milk Cans; Concrete Mixer; M.F. 3 pt. Wheel Rake & Spreader for parts; Used 18.4x38-20.8x38 Tires; 3 Three Hun. Gal. Fuel Tanks; CORN SILAGE;

FARMER BOY PORTABLE HOG UNIT

70 head capacity;
READ 6,000 BUSHEL GRAIN BIN
NEW PRODUCTS 4,000 BUSHEL GRAIN BIN
to be moved by buyer.

NOTE: Most of this equip. was purchased new by the Garman's and is in very good condition. LARGE EQUIP-SELLING PROMPTLY AT 10:00 A.M. If in need of large equip, do not miss this fine line of well maintained machinery.

38 GRADE HOLSTEIN DAIRY COWS

Selling at approx. 12:00 Noon
17 TWO YEAR OLDS
7 THREE YEAR OLDS
BALANCE MATURE COWS

Health Charts–Preg. Examined–Owner Milk Weights
Bred to Sire Power Sires–Auction held in tent
5 Fresh July-Aug.–4 Due in Fall
11 Fresh May-June–4 Fresh March-April

Service sires: Reckers Freedom; Pack Herd Bunky Boo; Art Acres Hager; Retso Loyal Kirk; Ken-Ric Marcus Neil.

TERMS: Cash or good check day of auct. All out-of-state buyers must have a bank letter of credit addressed to this specific auction.

Auction By
LLOYD H. & JANE W. GARMAN
Route 5, Danville, PA 17821
Ph. 717-275-5549

Dale L. Hoover, Cattle Info. 717-867-2489
Auction Conducted By
J & P Auctions
Paul E. Martin, Auct. AU-001601-L
Ephrata, PA 717-733-3511
John D. Stauffer, Auct. AU-001509-L
Lititz, PA 717-665-5099

Food At Auction

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

MON SEPT 2 - 10AM Farm Mach , Trucks, Tools, Farm Related Items Located auction barn American Corner, MD. On Hwy 621 between Denton and Federalsburg, MD A Curtis Andrew Auction Inc.

MON. SEPT. 2 - 9AM Hshld., Antiques. Along Ridge Rd. between Denver and Rt. 897 at Spring Side Gold Course (Kemper Residence), West Cocalico Twp., Lanc Co., PA Ordered by Josephine Kemper. H.H Leid Auction Service

TUES. SEPT 3 - 6PM Delaware's 7th Performance Tested Boar Sale Located: Delaware State Fairgrounds in Harrington, DE For more info, contact· Richard Barczewski 302-736-1448.

MON. SEPT. 2 - 9AM The Historical Society of the Cocalico Valley's 6th Annual Labor Day Benefit Book Auction. Located Farmersville Firehall, East Farmersville Rd , Farmersville, Lanc Co Terms by The Historical Society of the Cocalico Valley. T. Glenn & Timothy G Horst, Aucts.

THURS SEPT 5 - 5 30PM Woodworking & Hand Tools & Guns Located Schoeneck Firehall in Village of Schoeneck, West Cocalico Twp., Lanc Co., PA. Terms by: Katie Latshaw Estate. T. Glenn & Timothy G. Horst, Aucts.

THURS. SEPT. 5 - 1:30PM 31 Acre Farm Real Estate Located 1903 S Lincoln Ave., corner of Evergreen Rd. and Lincoln Ave., S. Lebanon Twp , Lebanon Co., PA. Conditions by John Krissinger. Harry H Bachman, Auctioneer.

FRI. SEPT 6 - 7 PM Holstein Promotion New Holland Sales Stables, Inc., Auctioneers

FRI. SEPT. 6 - 9AM Fall Consignment Sale of Farm Mach. at the Belleville Livestock Mkt 717-935-2146. Glick, Gibboney, Gilligan, Auctioneers.

FRI. SEPT. 6 - 5:30PM Gap Auction. Antiques & Hshld. Goods sold at every auction. Located off Rt. 41, Lancaster Turkey Hill Minit Mkt., cross RR bridge. Ira Stoltzfus & Son, Aucts.

FRI SEPT. 6 - 7:30PM 800 Yearling Cattle Buckhannon, WV Sponsored by W st Virginia Cattlemen's Assoc

FRI SEPT 6 - 9 30AM Real Estate, Farm Mach , Hshld Located approx 1¼ mls W of New Freedom off Rt 851 in Shrewsbury Twp , York Co , PA Take Exit 1 off I-83 & proceed W on Rt 851 approx 5½ mls. to farm on left Harry & Ruth Wolf, Owners Bob & Tom Sechrist, Aucts

FRI. SEPT 6 - 12·30 EST, 1·30EDT Important Land Auction, 1990 acres, 99% tillable. Located Corydon, Indiana. Schrader Real Estate & Auction Co

SAT. SEPT. 7 - 10AM Public Auction of Estate of Lydia A. Reed Real Estate, Antiques & Coll , Hshld., Farm Mach Located S of Trevorton, PA, ¼ mi. N. of the Village of Hunter Station & Rt 225. Dockey, Dockey, & Deppen, Aucts

SAT SEPT 7 - Large Liquidation Auction in Binghamton area Goodrich Auction Service, Inc. 607-642-8688.

SAT. SEPT. 7 - 11AM Lanchester Christian Schools Heifer Sale Located Guernsey Sale Pavilion, 6 mls. E of Lancaster, along Rt 30 Sale Chairman, Calvin Beiler: 717-442-4842

SAT SEPT. 7 - Farm Mach. 2 mls S. of Oxford Mrs. William Dorn, Owner Steve Petersheim, Auct

SAT SEPT 7 - 10AM Public Auction of House Trailer, Antiques & Collectibles, Hshld Lawn Tractor, Farm Eq Located in Powells Valley, Halifax Mrs Portia Hoffman, Owner Edwin Shoop & David Deibler, Aucts.

SAT SEPT 7 - 9:30AM Backhoe, Trucks Vehicles Public Service Electric & Gas Co , Edison - NJ. Vilsmeier Auction Co., Inc

SAT SEPT 7 - 9 30AM Trucks & Vehicles Peoples Gas, Light & Coke Co , Chicago, IL Vilsmeier Auction Co., Inc

SAT SEPT 7 9AM Lesher's Welding operated by the Late Robert L Lesher liquidated by Mary L Lesher in Village of Taylorsville, PA. 1 mi S of Lavelle, 3 mls. N off I-81, Exit 35. Mike & George Deibert, Auctioneers.

SUN. SEPT. 8 - 1PM Mar Lee Farm Embryo Generation Sale. 52 Reg Angus Lots, 4 Embryos, 10 Show Steer Projects, 45 Females. Located at the farm near Woodsboro, MD Tom Burke/Dick Beck, Sale Mgrs American Angus Hall of Fame

MON SEPT 9 - Lawn Eq & Tools Located in Farmersville For Farmersville Eq. Co Paul E Martin & John D Stauffer, Aucts.

REAL ESTATE AUCTION
Location-Location-Location

10 Approved Building Sites **Sewage Permits**

North Hollow Heights, Sweden Twp.
COUDERSPORT, POTTER CO., PA.

SAT., AUG 31, 2 P.M.

SUPERIOR RESTRICTED BUILDING SITES in a truly outstanding wooded mountain-top setting, surrounded by the prettiest natural woodlands farms and recreational lands in PA, PLUS THE BEST HUNTING IN THE STATE!

(9) Lots from 1½ Ac to 5½ Ac
(1) 20±Ac Tract
Terms 15% Deposit at Sale
60 Day Settlement
Subj to immediate Confirmation
Broker Participation Invited
Directions Coudersport (Ledonia) Rt 6, North on North Hollow Rd 3½ Mi to Site Signs
INSPECTION SUN , AUG 25, from 2 to 4 P M
CALL OR WRITE FOR DETAILED BROCHURE

KENNETH A. GEYER AUCTION Co. Inc.
Suite 102 661 West Germantown Pike
Plymouth Meeting PA 19462 (215) 834 1854 (Pottstown) 326 3856
PA AU332I

CARL-A FARM — WILLIER, INC.
PRODUCTION SALE

At the farm located across from the Lancaster County Airport between Lancaster and Lititz, in Lancaster Co., PA. From US 30 take Route 501 north and follow signs to the Airport.

WEDNESDAY, AUGUST 28, 1985
11:00 A.M.

65 HEAD OF REGISTERED HOLSTEINS
40 Cows (30 Fresh or Close) — 25 Heifers (15 Bred)

10 sell with 20,000 to 25,000M
3 sell with 18,000 to 20,000M
6 sell with 16,000 to 18,000M
3 sell with 900 to 1172F
4 sell with 800 to 900F
8 sell with 700 to 800F

20 Milking in First or Second Lactation!

FEATURING
CARL-A JET STREAM INDIA - EX
4-4 365 31,055 3.7 1153
A contract Jet Stream with another 1100F record and 1000F already this lactation. Due in December to Bell.

Also Selling:

VG Van dtr. with 5-3 345 23,349 3.5 817. Dam is EX. Sells with two Tradition dtrs. and dtrs. by Jemini and Joe.

VG-87 Jet Stream with 24,000M. Her dtr. by Pinta-Lane Conductor Jason also sells.

VG Hagemans Tempo with 19,890 4.3 861. Sells with 3 dtrs. and 1 gr'dtr.

VG Clinton Camp Majesty with 700F. Due Nov. to Chairman.

GP-81 Jerry with 20,817 4.6 951. Sells fresh.

GP Altitude with 929F. Fresh in June and had 114 lbs. Dtr. by Wagners-crest Ivanhoe Astronaut sells.

Fancy fresh 2-yr old Fred dtr. milking 70 lbs. Dam VG-87 and Gr'dam EX. Bred to Tradition.

Others sell by Chairman, Valiant, Tradition, Spirit, Kingpin, Cavalier, and Astronaut, as well as other popular AI sires.

Service sires from among the breed's best include Bell, Chairman, Tradition, Memorial, Jason and Fred.

A good selection of hard working, profitable cows combined with a nice group of heifers sired by the leading bulls in AI. Don't miss them!

CARL-A FARMS
Carl and Alice Snyder
RD, Pitman, PA 17964
(717) 648-6067

WILLIER, INC.
Gary and Janet Willier
610 Water Edge Rd.
Lititz, PA 17543
(717) 626-6845

Sale Manager
REMSBURG
Sale *Service*
P.O. Box 177, Jefferson, MD 21755
(301) 473-8214 AU-002281-L

PUBLIC SALE

SAT., AUGUST 17 &
SAT., AUGUST 24, 1985
Both Days Starting At 10:00 A.M.
VALUABLE ANTIQUES, TOOLS, AND HOUSEHOLD GOODS
of Lester and Rachel Witmyer
3768 Druck Valley Road

Directions: From Rt. 30 go North on Mt. Zion Rd. then turning right on Druck Valley Rd.-Watch for signs day of sale.

SAT., AUG. 17-10:00 A.M.
Tools (Antique & Modern) and Misc. Items

Approx 100 wooden block planes, Drafting instruments, Set of turning chisels, Sundry mason tools, Blacksmith tools, ½" elec drill, Wood augers, Clamps, Brick layer Hammer, Splitting wedges, 24" framing saw, B & D router (new), Wood Mallet, Spring scales, Display cabinet, Leather organ bellows, Truck screw jack, Ladder jacks, Old feed mill price board, Steamer trunk, #6 18" Stanley plane, Leather covered box, Cloth military maps, Shoemakers tools, Old tool chest, Hand saws, Scroll saw, Step & extension ladders, Elec lawn edger, Blacksmith vise, Trunks, Wagon wheels, 5 HP outboard motor, Redwood picnic table & benches, wooden rakes, Wooden pulleys, Cow bell, Old wood box, ½" var drill, Garden disc harrow, 2 wheel cart Scalding trough, Misc bundles of wood, Wrenches, Punches, Snow fence & posts, Antique corn seeder, Hand choppers, Spoke shavers, Copper tool, Wooden ladles, Hand adze, Cross cut saw, Broad axe, Single trees, ½ HP elec motor, Ice saw, Lanterns, Oxen yoke, Wooden wheelbarrow, Photographers cutting board, Assorted nuts & bolts, Misc garden tools & other misc items

SAT., AUGUST 24-10:00 AM
Antiques and Household Goods

Walnut Gate leg drop leaf table, Ball & claw stand, Oak dry sink, Pine dry sink, High chair, Set of 4 Adams cane seat chairs, Deacon bench, Oak china closet, Carved night stand, Oak chest of drawers, Singer sewing machine, Wicker ferneries, Gun cabinet, Oak desk, Library table, Wicker table & chairs, Rope bed, Oak dresser, Cane seat rocker, Duncan teardrop glassware, Old childs wooden sled Fiesta ware, Stereoscope w/pictures, Spool bed frame, Kerosene lamps, Variety of nice Antique glassware including Depression, Carnival, Vaseline, Hobnail, Milk glass, and Lustre ware, Jim Beam bottles, Assortment of miniature whiskey bottles, Moxie bottle, Old tinware, Crocks, Jugs, Baskets, Noodle cutter, Cherry seeder, Apple peeler, Slaw cutter, 2 qt Butter churn, Set of 4 Eisenhower prints, 1937 aerial view of Druck Valley, Cast iron mortar pestle, Old Life magazines, Nat'l Geo magazines, Pictures, Frames, Mirrors, Books, Misc chairs, stands, and lamps, Tea cart, Quilts, Tobacco cutting board, Gigging iron, Snitz drier, Cast iron snowball maker and other items too numerous to mention

Auct. Note: Don't Miss this sale as we have some really fine merchandise to be sold.
Not responsible for accidents on day of sale.
Terms: Cash or approved check-NO out of state checks unless they are cashiers or certified.

AUCTIONEERS: NELSON AHRENS
428-1234 Pa. Lisc. #AU-001381-L
App: JEFF STERNER
792-9839 Pa. Lisc. #AA-001476-L
Refreshment by
Memorial Hosp Guild

ABSOLUTE AUCTION

TRACTORS, FALL HARVEST EQUIPMENT
FRIDAY, AUGUST 30, 1985
At 10:00 A.M.
LOCATION — 312 Park Ave. Quarryville, Pa. Between Rts. 222 & 472.

Financing Available w/Approval Prior To Sale Date.

TRACTORS

Case DB 1210 65 Hp.; Ford Jubilee; Case VAC; JD 3010 Die. 60 Hp.; Case 1170 Cab, Heat, 122 Hp.; Agri-Power 9000 113 Hp.; Case 1090 108 Hp.; 2 Farmall M's; Oliver 60 Row Crop; 1972 John Deere 4020.

FORAGE EQUIPMENT

Gehl TR600 2 RN Row Crop Head; 3 Gehl Bu. 920 Forage Box; Gehl Bu. 920 Forage Box w/10 Ton Gear; Fox Custom 90 Harv. w/2 RW Head; Fox 1 Row Head; JD 3800 Harv. w/2 RW Head; Gehl FB 88 Blower; Gehl FB 99 Blower; IH 56 Blower; Gehl RC 800 Recutter/Blower; JD 65 Blower; NI 767 UNI. Harv.; NI 760 UNI. Harv.; NI 762 UNI. 2 RW Row Crop Head; NI High Moisture Adapter For 760 Harv.

CORN PICKING EQUIPMENT

NI 738 4 RN UNI. Corn Head; 2 NI 325/327 2 RN Pickers; 5 NI 323 One Row Pickers, All Reconditioned; NI 323 Picker w/Side Chute & Motor Mount; NI 325/314 2 RN Picker Sheller; NI 702 V-6 Gas UNI Power Unit' NI 710 UNI Combine; NI 743N 3 RN UNI. Corn Head; NI 761 UNI Hay Pick-Up; NI 711 11 Ft. UNI. Grain Platform; 2 New McCurdy 165 Bu. Gravity Bins.

LAWN & GARDEN EQUIPMENT

Case 155 10 Hp. GDN Tractor w/Mower; New Ampro. 3 HP. Rotary Tiller; New Lawn Dump Cart; New Lawn Sprayer; New Lombard 4.2 Cu. In. Chain Saw w/16" Blade; JD 32" Snow Blower Fits JD 60, 70, 100 Tractors; 3 Hp. Screw Type Log Splitter; Lombard Nylon Line Weed Trimmer; Wheel horse Elec-Trac. Riding Mower.

MISCELLANEOUS EQUIPMENT

New Double Tree; New 3 Pt. Hitch Carrier; Feed Blower Attach.; New Silo Pipe; 18.4x34 Duals w/Tires; Dearborn Sickle mower; Hershey 2 Row Transplanter; Gandy 10Ft. Fert. Spreader; JD Mod. 2 Hay Fluffer; New NI 109 3 Pt. Spinner Seeder/Spreader; JD 54 Manure Spreader w/end Gate; Top Beater Attach. Fits JD 34 or 40 S.B. Spreader; 2 NI 213 Manure Spreaders; New NI 206 Ground Drive Spreader; 2 NI 206 Ground Drive Spreaders; Top Beater Attach. Fits NI 212/213/214 S.B. Spreader; Jacks, Hitches & Endgates For 206 Spreaders; Artsway 420, 95 Bu. Grinder Mixer; JD 214T Baler w/Kicker; Landoll 7 Tooth Soil Master, Disc Chisel Plow; Wetmore 878, 130 Bu. Grinder/Mixer w/Hyd. Drives; 2 New McConnell 12 Ft. Spring Harrows; IH 10 Grain Drill, 13 disc.; VICON 240 8' Mower Cond.; IH 225 S.P. Windrower; AC 309 9' Windrower; NH 489 9' Haybine; NH 469 9' Haybine.

Wagon Load Of Small Items. Listing May Change Due To Normal Everyday Business. Items Too Numerous To Mention. Don't Miss This Sale.

*** Out Of State Checks Must Be Accompanied By Letter Of Credit If Not Known By Seller Or Auctioneer.**

Not Responsible For Accidents
Day Of Sale.
Lunch Available.

TERMS BY
A.L. HERR & BRO.

Auctioneers Conducting Sale Are:
Lloyd Kreider, Randal Kline,
Roy Good, Gary Shirk
***AU-000513-L**

Kreider & Kline Auctioneers

Public Auction Register

Aaron H. & Stella B. Martin
Complete
Dairy Herd Dispersal
At

PUBLIC AUCTION

SATURDAY, AUGUST 24, 1985

Auction Time: 11:00 A.M.

Located along Route 897, 2 miles south of Schaefferstown, 2 miles north of Kleinfeltersville, Lebanon County, Pa.

115 GRADE HOLSTEIN DAIRY CATTLE

84 Cows - 13 Bred Heifers due near auction time
8 Open Heifers - 1 Reg. Breeding Age Bull
HEALTH CHARTS - PREG. EXAM.
COWS TO BE SOLD IN RING
Owner supplied milk weights

Bred to A-I sires including: Simon, Basic, Sungold, Country Boy, Willowvation, Lannie.

15 Fresh July - Aug.
26 Due Sept. - Oct.
7 Due Nov. - Dec.

Special Note: This is a loose housing herd accustomed to free stalls and computer feeder. Many of the cows are recently fresh or due in fall for base milk.

1967 International Cattle Truck

Inspected, 4 speed, 9' bed with steel floor; PALCO TIPPING TABLE; 2 Steward Clippers; Apollo SX-18 Semen Tank; Breeding Kit; Hoof Trimmers; Medicines; etc.

Terms: Cash or good check day of auct. All out-of-state buyers must have a bank letter of credit for this specific auct.

DALE L. HOOVER, CATTLE INFO. — 717-867-2489

Auction by
AARON H. & STELLA B. MARTIN
Ph. 717-949-6823

Auction Conducted By,
J & P Auctions
Paul E. Martin, Auct. AU1001601-L
Ephrata, PA 717-733-3511
John D. Stauffer, Auct. AU-001509-L
Lititz, PA 717-665-5099
Food at Auction

MON. SEPT. 9 - 4:30PM Antiques. Located 320 E Main St. (Rear), Lititz, PA. Terms by: Betty & Sketch Mearig. T Glenn & Timothy G. Horst, Aucts

TUES. SEPT. 10 - 10AM Trucks & Trailers Megonegal Trucking Philadelphia, PA Vilsmeier Auction Co., Inc

WED SEPT 11 - 6PM Gun Auction ... Rifles, Handguns, misc Located: Shamokin Dam, Pa. 1 mi. north of Rtes. 11 & 15, turn onto 11th St. at Phillips Motel. Dorothy L Miller, owner Lee Dockey, Auct.

WED SEPT 11 - 10:30AM Farm Machinery Located in E Nottingham Twp., Chester Co., PA, 3 mis. S of Oxford. From Rt. 272 go E on Chrome Rd at Jim's Market, 1st farm right. Mrs William Dorn, Owner Steve Petersheim & Steve, Jr., Aucts

THURS SEPT 12 - McAlisterville, PA Milking Herd & Close Bred Heifer Dispersl. Clarence D & Jane Smith, Owners Don Adams & Kling's Auction Service, Sale Mgrs

THURS & FRI SEPT 12 & 13 - Farm Eq Sale at Horst's Machinery Lot at Marion, PA Ralph W Horst, Manager.

FRI SEPT 13 - 9 AM Farm Equipment New Holland Sales Stables, Inc., Auctioneers.

FRI SEPT 13 - 1:30 PM Public Auction of PA State Graded Feeder Pigs Carlisle Livestock Market Inc. Exit 12 off I-81. 717-249-4511

FRI SEPT 13 - 5:30PM Gap Auction Antiques & Hshld Goods sold at every auction. Located off Rt 41, Lancaster Turkey Hill Minit Mkt cross RR bridge Ira Stoltzfus & Son, Aucts.

SAT. SEPT. 14 - 9AM Liquidation Auction of Miller Wood-Working Shop, Six Hundred Block of Chestnut Street (Opposite Hegins Mfg. Co.), Hegins, Schuylkill Co., PA Lot 119'x150', Forklift, Woodworking Eq., Lumber, Hardware Mike & George Deibert, Aucts

SAT. SEPT. 14 - 10AM 20,000 Board Feet of New & Used Lumber and Building Materials Mel Stoltzfus, Rebersburg, PA Fraley Auction Co

SAT SEPT 14 - 9AM Real Estate, Hshld, Antiques, Carpenter Tools Implements, Gun Collection & Coins Located 512 Main St., Denver, Lanc Co., PA Terms by Carrie E Showalter H.H Leid Auction Service

SAT SEPT. 14 - 10:30AM 120 Head Reg Holstein Dairy Cattle. Located 7 mis S. of Quarryville just off Rt. 222, Lanc Co By James M & Joyce Ariu Ross Paul E Martin & John D. Stauffer, Aucts

SAT SEPT 14 - 10AM Farm Eq., Hshld Located North side of PA turnpike interchange at Morgantown. Terms by Stephen Kurtz Elton & Rodney Horning, Aucts

SAT SEPT 14 - 12 Noon 35 Head Holstein Dairy Herd & Milking Eq Located 3 mis S. of Strawstown on Bricker Rd Turn off New Schaefferstown Rd Across from Tulpenhocken High School onto Bricker Rd. for 1 mi to sale. Sale for. Harry W Naftzinger, Sr. Kenneth P Leiby, Auct.

LIQUIDATION AUCTION

SAT. SEPTEMBER 7, 1985
at 9:00 A.M.

LESHER'S WELDING operated by the late ROBERT L. LESHER to be Liquidated by MARY L. LESHER in the Village of TAYLORSVILLE, Pa. 1 mile South of Lavelle; 3 miles North off I-81, Exit 35 (Watch for auction signs along Rt. 901 the day of sale).

8 FORKLIFTS 8

Baker 18,000; AC 5,000; White 5,000 & 2,000; Yale 5,000; Hyster 2,000; TowMotor 3,000; Yale Electric 1,000; 1970 CHEVROLET TRUCK with 20 Ft. Jerr-Dan Roll Back Bed; Smith 100 Air Compressor; Int. 2010A Truck w/Mounted Crane; 14' Insulated Truck Body; Wells Model A-7 Hacksaw; Lester Charger; Hobart 30 AMP 1T12-624 Charger; Steam Jenny; RamPack HP-150, like new; Jack Hammer; Acetylene Torches; Welding Table; Lot Welding Rods; Fairbanks Platform Scale; 4 Yd. Crane Bucket; ½ Yd. Dipper Front Bucket; Dozer Blade; Forklift Cab; Pallet Jacks; (6) Forklifts for Parts; Forklift Masts & Forks; Electric Motors; Small Generator; Lg. Lot V-Belts; Lot Bolts, Washers & Rivets; Hooks; Pulleys; Clevises; Shelving; I-BEAMS 24"x14', (2) 27"x14' & 19'; Steel Towers; Hydraulic Cylinders; 250 Gal. Oil Tank; (2) 2,000 Gal. Tanks; Come-a-Longs; Load Binders; Jacks; Lot Hand Tools; Coal Furnaces; Used Engines; Lot New & Used Parts; (2) Dodge 900 Trucks for Parts; Tires & Wheels; Hydraulic Press Frame; 20 Bags Insulation; many other items not listed.

Refreshments Available

MARY L. LESHER, Owner
(717) 875-0588

DEIBERT
Mike, Auctioneer AU-1599-L
George, Realtor & Auctioneer
AU209-L
(717)-425-3313

FARMERSVILLE AUCTION

TUESDAY, AUGUST 20, 1985
4:00 P.M.

In Farmersville, 3 mi. east of Brownstown, Lanc. Co., Pa.

Plaid E.A. livingroom suite; chest freezer; 2 waterfall bedroom suites; mahogany bedroom suite; refrigerator; 2 Maytag wringer washer w/square alum. tubs; wheeling double rinse tubs; portable TV; maple & waterfall double beds; double box springs & mattresses; set of wooden chairs; sofa bed; Scotts push mower; kneehole desk; 3 pc. maple dinette set; blonde chest of drawers & nite stands; rust recliners; base cabinet; Duncan Phyfe drop leaf table; Lane cedar chest; green & clear canning jars; Singer treadle sewing machine; square oak china closet; painted oak chest of drawers w/mirror; metal wardrobe; costume jewelry; box lots; small items, etc., etc.

WE SELL ON COMMISSION

Call **JOHN J. RUTT**
354-5095

Auctioneer Lester Weaver
AU-982-L

Consignments being accepted for our Labor Day Antique Sale.

PIGS

STATE GRADED SALE

FRI., AUG. 23
1:30 P.M.

"NEW" LOCATION

While we're rebuilding our barn which was destroyed by fire on June 20, the Pig Sales will be held at the Carroll Co. Fairgrounds on Gist Road in Westminster.

They have nice facilities there to have the sale; clean concrete pens, approved scales, loading docks, ring, seats and lunch.

From Rt. 140 follow signs to "Farm Museum" or "Farmers Market." From Rt. 27 follow Pig Sale signs.

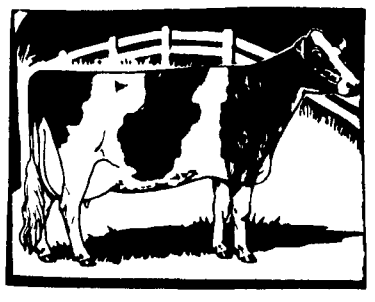
Still Operated by:
WESTMINSTER
LIVESTOCK AUCTION
Westminster Md
Phone (301) 733-8120

GREEN DRAGON LIVESTOCK SALES

1 Mile North of Ephrata on State Street

Complete Holstein Herd Dispersal

Wednesday, August 21, 1985
7:30 P.M.



- 85 Head - Grade Holstein Cows - 85 Head

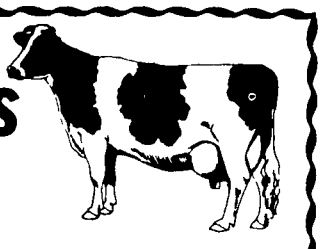
85 Head Good Young Grade Holstein Dairy Cows in all stages of lactation. 50 of the 85 Holsteins are due August through November. Balance to freshen through year.

Blood & T.B. tested within 30 days of sale. Pregnancy checked by sale date.

This is a Berks County herd.

Walter Risser, Prop.
Office: 717-733-2444
Home: 717-838-4318

RU-BE-MAR FARMS DISPERSAL



THURSDAY, AUGUST 29, 1985–11:00 A.M.
–EPHRATA, PA.

A Small, Very Select Herd Built on Top Cow Families
--A SAMPLE OF THOSE SELLING--

* Four Mat. Sisters from a 3E92 GMD with 231836M 4.7% 9944f. Lifetime. Two are VG by Elevation with 919 & 986 fat. Each has a top dtr selling--one by Valiant has 810f @ 2 yr the other VG86 with 1042f.

* A 2E-92 Persuader w/1113 fat sells with her top 3 yr Valiant dtr with 4 7% 772 fat @ 3.0

* A 3rd Generation Ex Elevation from a 2E91 Kingpin gr'dtr from a 4E-93 Astronaut, both with top records. Also her VG-3 yr. dtr and fancy 2 yr. dtr.

* A VG88 Wayne Spring w/898 fat from a VG-1190f dam sells with her dtr by an Astronaut son.

* Many others by top sires and from deep families--a real "breeders" herd and a real "buyers" opportunity!

Also selling MVE tank and contents
Tested for Inter-State--Calfhood Vac.

Sale at the farm just North of Ephrata-take Rt. 272 North, turn right at traffic light which is Schoenech Road, go left on Mohler Church Road-when Mohler Church Road turns right-go straight ahead under Railroad Bridge on dead-end road to 2nd farm.

-Owner-
RUFUS & BERTHA MARTIN
RD 4 Box 48
Ephrata, Pa.
717-733-3994

-Sale Manager-
BACKUS ASSOCIATES, INC.
Sale Managers & Auctioneers
Mexico, NY 315-963-7231
P.O. Box 424 Elizabethtown, PA 17022 717-367-9236

Pa. Lic. #AU-000034-L

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

SAT SEPT 14 - Honey Brook Fire Co. Quilt Sale Steve Petersheim, Auctioneer.

THURS. SEPT. 19 - 1PM Public Sale of Valuable 56 Acre Farm & Personal Property. Located Midway between 340 and 23, turn off Horseshoe Rd., close to CV High School on Willow Rd. to Forry Rd., first farm left East Lampeter Twp., Lanc. Co., PA. Terms by: Esther K. Forry. John E. Forry Deseased. Robert E. & Jeffrey R. Martin, Aucts Frank L. Steller.

THURS. SEPT 19 - 11AM 600 Club Calves Jackson's Mill, WV. Sponsored by West Virginia Cattlemen's Assoc.

FRI SEPT. 20 - RD2, Mifflintown, Pa. Complete Dairy Herd Dispersal. Wendell Shelley, owner Kling's Auction Service, Sales Mgrs.

FRI. SEPT. 20 - 6:30PM Feeder Pigs & Feeder Cattle. Keister's Middleburg.

FRI. SEPT. 20 - 7PM Brethern Disaster Relief Heifer Auction. Held at the Lebanon Co. Fairgrounds.

FRI SEPT. 20 - 5:30PM Gap Auction. Antiques & Hshld. Goods sold at every auction. Located off Rt. 41, Lancaster Turkey Hill Minit Mkt., cross RR bridge. Ira Stoltzfus & Son, Aucts.

FRI. SEPT. 20 - 7:30PM 500 Yearling Cattle. Moundsville, WV. Sponsored by West Virginia Cattlemen's Assoc.

SAT. SEPT. 21 - 10.30AM Real Estate, Hshld., Antiques, Garden Tools, Storage Bin, Tools, 1974 Station Wagon Located Lanc. Co., PA, 4 mis. W. of Gap From Rt. 30 go S. on Belmont Rd., 4th drive on right after underpass, 2nd house. Owners: Peter & Malinda Miller. Steve Petersheim & Steve, Jr., Auctioneers.

SAT SEPT 21 - 10AM 1,000 Yearling Cattle. Moorefield, WV. Sponsored by West Virginia Cattlemen's Assoc.

SAT. SEPT. 21 - 9:30AM Crane, Trucks, Vehicles. Consolidated-Edison Co. of NY., Astoria, NY Vilsmeier Auction Co., Inc

SAT SEPT. 21 10AM Farm Implements, Butcher Eq., Hog Raising Eq., Personal Property. Along Bell Alto Rd. S. Heidelberg Twp., Berks Co, PA. Terms by Earl & Dorothy Emes H.H Leid Auction Service

MON SEPT. 23 - 8PM 800 Yearling Cattle. Alderson, WV. Sponsored by West Virginia Cattlemen's Assoc.

WED SEPT. 25 - 9:30AM Special Public Sale of All Kinds of Farm Tractors & Machinery. Absolute Sales. Watch For Other Dates. For: Keener Eq., Inc, 1531 Manheim Pike, Lancaster, PA: 717-569-9861. C.H. Wolgemuth & Blaine Rentzel, Aucts.

WED. SEPT. 25 - 8PM 800 Yearling Cattle. Caldwell, WV Sponsored by West Va Cattlemen's Assoc.

THURS. SEPT. 26 - 10AM 1,000 Yearlings & Calves, Jackson's Mill, WV 2PM 150 Yearling Cattle. Ripley, West Va Sponsored by West Va Cattlemen's Assoc

FRI EVE., SEPT 27 - RD1, Landisburg, Pa Kling s Fall Invitational Sale. Kling's Auction Service, Sale Mgrs.

FRI. SEPT. 27 - Dairy Show & Sale. Show 11AM; Sale 1.30PM Penns Valley Livestock Auction, Centre Hall, PA Ron Gilligan, Auct

FRI SEPT 27 - 5.30PM Gap Auction Antiques & Hshld. Goods sold at every auction. Located off Rt. 41, Lancaster Turkey Hill Minit Mkt, cross RR bridge Ira Stoltzfus & Son, Aucts

FRI SEPT. 27 - 7:30PM 500 Yearling Cattle Weston, WV. Sponsored by WV Cattlemen's Assoc

FIR.SAT SEPT 28 - 10 AM Fall Heifer Sale New Holland Sales Stables, Inc., Auctioneers.

SAT SEPT. 28 - 12 Noon Red Carpet Catalog Reg. Horse Sale. Cambria Co Fair Grounds, Ebensburg, PA Red Carpet Horse Sale, Inc

SAT SEPT. 28 - 11 AM Horse Sale Keister's Middleburg.

Dairy and Livestock Sales

IF ANYONE WOULD LIKE TO DISPERSE THEIR HERD, WE HAVE CHOICE DATES AVAILABLE.

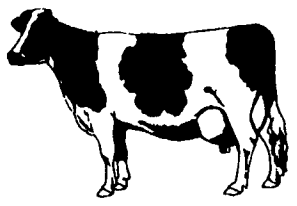
WE HAVE THE MARKET FOR REGISTERED AND GRADE COWS, YEARLINGS, OPEN HEIFERS, BRED HEIFERS, BULLS, ETC.

CALL
SMOKETOWN QUALITY DAIRY SALES
717-393-0930

BERKS COUNTY CLUB SALE

Sale located behind Fairgrounds Mall one mile northeast of Reading, PA, between Route 61 and Route 222 (Old Reading Fairgrounds).

THURSDAY, AUGUST 29
7:30 P.M.
55 REGISTERED HOLSTEINS 55
22 Are Due to Freshen in August
14 Fresh Within 40 days of Sale
14 Due Shortly After Sale



5 Sell from Dams with 921F to 1087F
24 Sell from Dams with 700F to 890F
6 Sell from Dams with 24,000M to 28,129M
15 Sell from Dams with 20,000M to 23,950M
10 Sell from VERY GOOD and EXCELLENT Dams

Selling:

Mars Tony dtr. due sale time. Dam EX w/20,180M and 849F, gr dam w/27,359M and 851F. Consigned by **SHOW TOPS FARMS.**

Pete dtr. sells fresh. Dam VG87 w/673F, Gr'dam EX w/25,767M and 1086F. Next dam VG86 w/27,928M and 1017F. Consigned by **RAY E. BICKSLER.**

VG Elevation dtr. proj. to 670F as a 2-yr old due in Sept. to Valiant. Dam GP83 w/19,976M and 951F. 3 generations 4.1% test. Consigned by **NEVIN E. MAST.**

Chairman dtr. due after sale. Dam VG w/22,392M and 763F. Also a Mars Tony dtr. from 2 gen. 20,000M dams with both over 775F. Consigned by **DENNIS SATTAZAHN.**

Bred heifer by Mars Tony from a Conductor dtr. w/19,330M and 706F as a 2-yr old. Gr'dam VG89 with 25,810M and 1018F, next dam EX w/27,770M and 1144F. Also a Jewelmaker dtr. sells fresh. Dam VG86 with 25,860M and 873F, gr'dam VG88 with 701F. Consigned by **KEYSTONE FARM.**

Conductor dtr. due in Aug. to Bell. Dam VG86 with 20,219M and 785F. Consigned by **VISTA GRANDE FARMS.**

Milkmaster dtr. due in August to Pete. Dam VG88 with 21,483M and 868F. Consigned by **REU-HEL FARMS.**

Betty Chief dtr. sells fresh. Dam GP82 w/24,571M and 1087F. Consigned by **GLEN M. AND LUCILLE N. HIGH.**

A fresh 2-yr old from GP83 dam with 28,129M and 1049F. Gr'dam VG89 with 29,195M and 1086F. Sired by Heindel Creek Willie. Consigned by **HEINDEL FARM.**

Wis Apollo dtr. due sale time with 24,304M and 850F. Consigned by **LEROY E. HOWARD.**

SALE SPONSORED BY
BERKS COUNTY HOLSTEIN CLUB

Sale Manager's Note: Never has this sale offered as many fresh animals by as many top sires of the Holstein breed as are available for this year's sale. For cattle that will please you, plan to be with us on this date.

TESTED FOR INTERSTATE SHIPMENT

For Catalogs Contact
Sale Manager

REMSBURG
Sale *Service*

P.O. Box 177
Jefferson, Maryland 21755
Ph. 301-473-8214
AU-22881-L

333rd SPECIAL GUERNSEY SALE

SELLING 60 HEAD
THURSDAY, AUGUST 29, 1985
12:30 P.M.

51 COWS & BRED HEIFERS-3 BULLS-6 OPEN HEIFERS

ALSO 221 Units of Guernsey Semen & Tank

Sale at the Guernsey Sales Pavilion, 6 miles East of Lancaster, PA on Route #30.

Pav. Barn Phone (717) 392-9560; Pav. Office Phone (717) 394-2721
SALE HEADQUARTERS: Mill Stream Motor Lodge-(717) 299-0931
(Located 1 mile North of the Sales Pavilion)

Our August Sale has always been a good source of base milk and this year's sale is no exception with many young cows & bred heifers being summer and fall freshening. There is work being done with existing milk markets to change to a high solids pricing system. Now is the time to invest in high protein, high solids, high testing Guernsey cows. It is the quality of the milk you ship that will add dollars to your milk check as well as the quantity. Also in the sale are 3 well pedigreed young bulls whose dams are proven producers.

EARLY CONSIGNMENTS:

ROBERT B. SMITH, Annville, PA - Telestar son born 5/24/85 out of a Top Hornet granddaughter with records to 20,203M 4.7% 942F 350D, CL-86 Pts.

ROGER & KATHY CAMPBELL, Halifax, PA - Big Tex son born 10/28/84 out of a Hollirex dau. with records to 15328 5.3% 814 305D. This bull is a full brother to Keystone Big T Jennifer (EX-91) with records to 20,000 5.4% 1083F 365D.

KEN GARBER, Willow Street, PA - A Telestar son born 2/18/85 out of an 84 Pt. cow with 18628 5.4% 1000 3.8P 713 316D. This bull is a full brother to an EX-91 cow with records to 18316 5.2% 966 326D. Just fresh and milking 92# @ 5.7%.

G. LUTHER HUSTON, Hebron, MD. - 4 Cows & 2 Bred Heifers. All due between July 27 and Oct. 5 to Crown Stone Tex Matt.

J. CARROLL SHORTALL, Cordova, MD. - An Admiral bred heifer out of a Premier dau Due 9/16 to King Arthur.

RICHARD STANER, Windsor, PA. - A Lyrene Fargo dau. with records to 13590M 572F Due 8/28/85 to Villa Crest Quality Finance.

QUERIPEL & LEEDOM, Pipersville, PA - 9 bred heifers and 6 open heifers. Bred heifers due between Sept. & Nov. Sires include Gaither, Premier, King Arthur, Dari Fayvor & Rolex. Open heifers by Fayette, Patrician and King Arthur.

CHARLES P. ENGLAND, Rising Sun, MD. - Prince Extra bred heifer due before sale and a Nobleman cow due before sale with 12250M 578F.

SUNNYDELL FARM, Fowles Family, MA - 4 Head. 1 Premier dau. with two records over 11000M; Big Tex bred heifer due 9/2 to Jupiter. Both these animals VG Dam with over 15000M. A Dari Fayvor heifer just fresh and a Big Tex granddaughter due 9/9 to Jupiter.

RICHARD MERRITT, Farmington, CT - 4 Head. Jupiter dau. with over 10000 5.2% due 9/4. Cyclone dau. just fresh 8/8 and two bred heifers due in Sept. and Oct.

CHEDCO FARM, Berlin, MA - 3 cows & 1 bred heifer. An 85 PT. Top Hornet dau with over 13675M 618F 338D, just fresh 7/30. A Chedco Contessa Command dau. with 13436 639 323D @ 2-01-fresh 5/25 and bred back 7/30. Chedco Vick's Hornet dau. fresh 7/15-Dam VG with records to 15810 729 305D 2-07. Bred heifer by Chedco Vicks Hornet due April 1 '86 to Telestar .86 Pt Dam with 15466M 746F 364D 2-04.

CHARLES McLAUGHLIN, Taneytown, MD - 3 Head.

ANCHOR & HOPE FARM, Port Deposit, MD - 3 Head. Choice dau fresh July 19. Dam with over 13000M. King Arthur dau fresh in June with Dam over 14000 and an 88Pt Deacon dau fresh in June with records to 13520M.

PAUL HAUGH II, Scenic Ridge Farm, Brookville, PA - 221 units of Guernsey Semen and Semen Tank-Linde LD 21. Sires represented are Big Tex, Telestar, Fayette, Dari-Fayvor and other AI Sires. Tank and semen will be at the sale.

For catalogues & further information contact

SALE MANAGERS

PA GUERNSEY BREEDERS' ASSOC
Lee G Yost & Ruth Ann John
5417 Manheim Rd
Waynesboro, PA 17268
PH (717) 762-3301

THE MERRYMAN COMPANY
John B Merryman, Auctioneer
PO Box 566
Sparks, MD 21152
PH (301) 771-4625
AU-000599-L

Dairy and Livestock Sales

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

80 REG. — I.D. AND GRADE

HOLSTEIN DISPERSAL

DHIA Tested — AI Breeding — Big Tall Cows

THURSDAY, AUGUST 29, 1985

at 11:00 A.M.

For Paul Cornish located on Rt. 610 ½ mi. W. off Rt. 519, 3 mi. S. of HOPE, N.J. From Rt. 80 use Hope Exit! 3 mi. N. of Rt. 46 from Bridgeville, N.J. (cross road light). 25 mi. N.E. of Easton, PA. via Rt. 78 to Rt. 57 to Rt. 519. 12 mi. S. of Del. Water Gap.

11: A.M. — 50 cow DeLaval pipeline for parts glass, 3 flow view claws, 5 feed carts, 2-36" cool down fans, Wick bedding chopper, 5 calf hutches w/Nasco hay racks, Seamen tank XR16, 10 bath tubs, plus barn tools

11:30 - 80 HD OF TOP HOLSTEINS! 47 mature cattle w/50% 1st or 2nd calf heifers in which 30 are Reg or I.D Grades 16 fresh recently, 6 due Aug and Sept balance bred for year around. HEIFERS — 6 Short Bred, 11 Strong yearlings, 16 hd from started calfs to 6 mos old! A super group of heifers selling with some eligible to be registered! DHIA TESTED over 10 yrs! Current ave 16,243M w/626F 10 hd from 17,000 to 23,581M 8 hd from 688 to 903F! 16 HEAD MILKING from 70 to 92 lbs per day currently!

BREEDING AI over 10 years. SIRE REP These Reg cows sell! 86PT Joyous Matt dtr , 83PT Charmcross, 84PT Ivanhoe Chief Charlie, 85PT Sampson EX A Tops, 2 by Paclamar Astronaut, Boot Mark & Others.

I.D. GRADES — 3 by Blueprint, 4 by Ivanhoe Chief Charlie. Ace. Aristocrat & Others.

SERVICE SIRES — Atlantic & Curtiss breeding plus a Reg. clean up bull by Valiant out of a Arlinda Chief dtr. (Makarevich Herd) 30 Day T B and Blood Tested for Interstate shipment! Pregnancy examined! 99% calfhood Vacc! Catalogs at Ringside!

NOTE! A owner operated herd. A complete dispersal! Many well uddered cattle with tremendous size! They are tall and milky. Cattle fed a lot of roughage not pushed w/grain! For your replacement or additions, it will pay to attend this sale!

TERMS — Cash or Good Check w/proper I.D. Full Settlement Sale Day!
Lunch available!

Owner **PAUL CORNISH**
201-459-4568

SALE CONDUCTED BY
COL. FRED R. DANIEL AUCTIONEER INC.
Neshanic Sta., N.J. 201-369-4784
(A Full Service Auction Co.)

SAT SEPT 28 Benefit Sale House of His Creation, Ercildown 1 mi E of Gatesville Steve Petersheim, Auct

SAT SEPT 28 2PM 1,000 Yearling Cattle Buckhannon, WV 7 30PM 200 YC Elkins, WV 8PM 350 Yearlings and Calves Ohio Co , WV Sponsored by WV Cattlemen's Assoc

SAT SEPT. 28 - Construction & Line Eq Florida Power & Light Co , Riviera Beach, FL Vilsmeier Auciton Co , Inc

SAT SEPT 28 - Utility Eq & Vihicles Central Hudson Gas & Electric Co , New Paltz, NY Vilsmeier Auction Co , Inc

SAT SEPT 28 - 7PM Del-Mar Invitational Holstein Sale Located Fair Hill Fairgrounds, Fair Hill, MD Sponsor The Delaware Holstein Assoc , Holstein Assoc of Eastern Shore, MD Remsburg Sale Service

MON SEPT 30 - 7 30PM 600 YC Spencer, WV 8PM 800 Yearlings & Calves, Alderson, WV Sponsored by WV Cattlemen's Assoc

OCTOBER

WED OCT 2 9 30AM Annual Dairy Show & Sale Located Belleville Livestock Mkt., Inc 717-935-2146 Mark Glick, Auctioneer

THURS OCT 3 - Franklin-Cumberland Co Annual Holstein Sale at Shippensburg, PA Fairgrounds Ralph W Horst, Marion, PA, Sale Mgr & Auctioneer V Art Kling, Pedigrees

FRI OCT 4 - 5 30PM Gap Auction Antiques & Hshld Goods sold at every auction. Located off Rt 41, Lancaster Turkey Hill Minit Mkt , cross RR bridge Ira Stoltzfus & Son, Aucts

FRI OCT 4 - 8AM Early Antiques, 125 yrs accumulation cars, etc Located Borough of York Springs, PA Take Rt 94 into borough then turn N at Adams Co Nat'l Bank, ½ block to sale Alice & Ross Koons, Owners Clair R Slaybaugh, Auct

SAT OCT 5 9 AM Red Carpet Fall Draft & Driving Horse Sale-Cambria Co Fair Grounds, Ebensburg, PA

SAT OCT 5 10AM Donation and or Commission Sale Sponsored by the Granges of Lancaster Co All net proceeds go toward tornado victims of PA Located at Hoffman Building on the Solanco Fairgrounds, Quarryville PA J Everette Kreider Auct

Centre County Ag Progress HOLSTEIN SALE

TUESDAY EVENING, AUGUST, 20, 1985

7:30 P.M.

Located at Grange Fairgounds, Centre Hall, Pa.

65 REGISTERED HOLSTEINS 65

A Few of the Featured Animals include:

A December S-W-D Valiant Calf from 5 Generations of EX and VG Dams; 5th Dame being KING'S ARCTIC ROSE — EX-97.

An 88 pt. Glendell with a 530 index and 27,000 milk and her January ET by Enhancer - "You can sell embroyos from this one".

A December Columbus Calf from a VG Dam; EX Granddam and VG 3rd dam.

A Bred Chairman Heifer from a GP Sexation; VG 2nd dam; 3rd dam EX-93, 3E - All with Top Production and Test.

A Columbus Heifer bred to Mars Tony; EX Dam by Windy Mont Marquis Roland; 2nd dam 88 pts.

A Straight Pine Elevation Pete Bred Heifer from 4 generations of VG Dams; All with 20,000 and high test.

An Astronaut Yearling form a N/C 2 yr. old dam making a nice record; 2nd dam EX Elevation; 3rd Dam EX-91; 4th Dam EX-93 - All over 22,000 lb. records and high test.

A Knob-View Jewelmaker springing to Columbus; 4 dams all VG and all over 19,000 lb. of milk.

An 86 pt. Creek just fresh with her 2nd calf.

An 87 pt. Kit Builder fresh in July - milking over 80 lbs.

An 88 pt. Bootmaker Granddaughter fresh and milking over 80 lbs.

An 87 pt. Double Triune selling fresh; 20,000 lb. record.

Twin Rosemere Fury Ivan daughters - 1 fresh, 1 springing; Dam GP Astronaut with 24,000m 900f; next 3 dams all VG with good records.

A Chairman and a Top Chief bred to Bell and Wiseman; both from the same granddam - EX Elevation with high production and test.

A Bell Bred Heifer from an EX-91 pt. dam with 20,000 900f; next dam over 1100 fat.

Plus Several first-calf heifers sired by top bulls that are fresh or very close. Several more good young cows with solid pedigrees that are milking now. Bred Heifers, Open Heifers, and Calves.

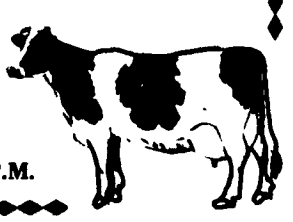
Some Sires of Animals selling include:

Chairman; Char Sam; Vincent-View Marvation; Milestone; Cor-Vel Enchantment; Mars Tony; Very; S-W-D Valiant; Columbus; Creek; Pete; Kit Builder; Matt Tippy; Boot Mark; Glendell; Lone Ranger; Marlu Basic; Willow; Fury Ivan; Astronaut; Lime-Hollow Mars; Glen Valley Star; Bubbler; Bell; Jemini; Mil-Nor-II Design; Enchancer.

Sale Sponsored By:
CENTRE CO. HOLSTEIN CLUB

For catalogs contact —
Kling's Auction Service
Sale Managers
R.D.1, Box 66 Landisburg, Pa. 17040
717-789-3883 Lic. #AU-500-L

Lunch served by
Centre Co. Dairy Promotion Committee starting at 6:00 P.M.



HARKENRIDER REGISTERED HOLSTEIN

COMPLETE DISPERSAL

THURSDAY, AUGUST 22, 1985

at 8:00 P.M.

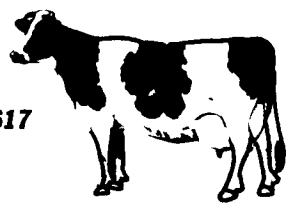
Rexville, NY Located 3 miles south of Greenwood, 1 mile north of Rexville, 1 3/10 miles east of Route 248 on Loomis Road.

SELLING 70 HEAD REGISTERED HOLSTEIN CATTLE

July 1985 DHI Herd Average: 17,108 3.6 617

35 Mature Cows; 10 Bred Heifers;

Balance Open Heifers and Calves



Featuring an "EX" Ar-Mer Jewel Image and her Sexation daughter milking as a first calf heifer. Also a fancy Bootnick scored "VG-85" fresh in April. Sires represented are Sexation, Willow, Columbus, Bell, Milestone, Joludi Elmer Chief, Wileeda Citation R, K-Way Apollo King Vic, Shade Elevation Frosty. Service Sires are Chairman, Scenic-View Apollo J, Wiseman, Columbus, Spirit, Memorial, Mowry K Chief, and Cherokee-ET.

Over 22 cows have been bred in this herd that have sold and scored "EX" for their new owners. The Harkenrider family have bred and developed some of the finest cattle to come out of the Southern Tier. Cattle will be tested for interstate and will have shipping fever shots and will be examined for pregnancy.

Owners:
PAUL & TOM HARKENRIDER
Ph. 607-225-4455

William Kent, Inc.
Sale Manager & Auctioneers
Stafford, NY Ph. 716-343-5449
548-7738

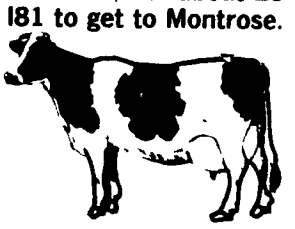
CRYSTELLA DAIRY FARM

COMPLETE DISPERSAL

FRIDAY, AUGUST 23, 1985

at 11:30 A.M.

Located 1 mile from blinker light at Elk Lake Corners, 4 miles from Dimock (Rt. 29) or 8 miles SW of Montrose, Pa. about 20 miles north of Tunkhannock. Exit 67 off I81 to get to Montrose. Yellow arrows. Susquehanna Co.



53 HI-GRADE HOLSTEINS

All mature cows. This is a young dairy, mostly 1st, 2nd & 3rd time fresh, that has been AI bred since 1948, now using Eastern Sires. Big, rugged type cows, many in the 80 lb. plus class now with 13 fresh August, 5 September, 8 October, 12 November & December. Balance winter & early spring. Good udders, feet & legs. Interstate tested & vet examined.

MACHINERY

Farmall 450 tricycle gas, 2 pt. & PS. Farmall Super M tricycle. MF #35 3 pt. hi-low range tractor. Myers Snowplow for M. Ford 3 pt. 2 bottom plow. NI #14 Spreader, heavy duty J chain, 175 bu., used one season, NI 3 pt. fertilizer spreader. NI #251 trailer mower. NI #270 Cut/ditioner. (2) NI Wagons, IH #14 Rake. IH #430 Baler & Thrower. 40' Bale Elevator. (2) #315 & (1) #330 IH Bale Wagon. Ford 3 pt. Buzz saw. Cut Away Disc. Harrow. 38" Chains. **Clay 300' Barn Cleaner, Clay 185' Barn Cleaner.** Both had new chains 3 years. Milking equipment. Alamo 60 plys pump (looks new). 4 Surge Units. Dumping Station, etc. etc.

FARM FOR SALE

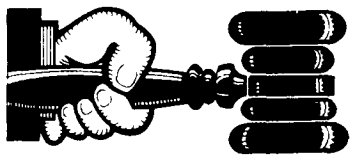
Private treaty. Productive 90 acres. 77 Stall barn (10 years old). 4 BR house (4 yrs. old). Lots of water, nicely located with privacy. Terms: Contact Auctioneer for details.

TERMS: Cash or good check sale day.

Owners: **HAROLD & PHYLLIS SCHILLINGER**
Jim Adriance, Auctioneer, AU4L
Montrose, 717-278-1574

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication



AUCTIONEER'S DIRECTORY

NOTICE

To assure that your Public Sale appears in the Public Sale Section we must have your advertisement by 4 P M Tuesday of each week's publication

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SAT OCT 5 - 9AM Fall Community Sale. Penns Valley Livestock Auction, Centre Hall, PA. Ron Gilligan, Auct.

SAT. OCT. 5 - 2:30PM MD Polled Hereford Association 15th Annual Red, White & Blue Show & Sale. Located Beef Barn, Frederick Fairgrounds, Frederick, MD Col Dave Leonard, Auct

SAT OCT 5 - Cons. Auction of New & Used Farm & Industrial Tractors & Equip in our yard, Rt 38 & 38B, Newark VAlley, NY Sale by Goodrich Auction Service

TUES. OCT 8 - 2PM 75 Acre Dairy Farm Located along South Kinzer Ave., 1 mi S of New Holland Isaac F. & Lydia L Huyard Nevin Martin & Louis Groff, Aucts

FRI. Oct 11 - 1.30 PM Public Auction of PA State Graded Feeder Pigs Carlisle Livestock Market Inc. Exit 12 off I-81 717-249-4511.

FRI OCT 11 - 5 30PM Gap Auction Antiques & Hshld. Goods sold at every auction. Located off Rt. 41, Lancaster Turkey Hill Minit Mkt., cross RR bridge. Ira Stoltzfus & Son, Aucts

SAT. OCT 12 - Antiques, Hshsld., Farm Tools Located 3 mis. W of Ephrata, along Rt 322 Edna F Ober, Owner. Paul E. Martin & John D. Stauffer, Aucts.

FRI. OCT 18 - 6.30 PM Feeder Pigs & Feeder Cattle Keister's Middleburg

FRI. OCT. 18 - 7:30PM State Graded Feeder Sale Penns Valley Livestock Auction, Centre Hall, PA. Ron Gilligan, Auct

FRI. OCT. 18 - 5:30PM Gap Auction. Antiques & Hshld. Goods sold at every auction. Located off Rt. 41, Lancaster Turkey Hill Minit Mkt., cross RR bridge. Ira Stoltzfus & Son, Aucts.

SAT. OCT. 19 - Public Sale of Real Estate and Personal Property. Located 1/10 mi. S. of New Holland Boro, turn off Rt. 23 on Ranck Ave Terms by: Bessie G Oberholtzer Robert E. & Jeffrey R Martin, Aucts Frank L Steller.

FRI OCT 25 - 12 Noon Dairy Sale. Penns Valley Livestock Auction, Centre Hall, PA. Ron Gilligan, Auct

FRI OCT 25 - 5:30PM Gap Auction. Antiques & Hshld Goods sold at every auction. Located off Rt 41, Lancaster Turkey Hill Minit Mkt, cross RR bridge Ira Stoltzfus & Son, Aucts.

SAT OCT 26 - 11 AM Horse Sale Keister's Middleburg

SAT OCT 26 - 23 Acre farm more or less w/stream and personal property Located along 896, 2½ mis E of Strasburg Terms by Ruth L Neff Robert E & Jeffrey R. Martin and Frank L Steller, Aucts.

SAT OCT. 26 - 5PM Farm Toy Auction at Treadway Inn, Lancaster, PA Farm Toy Show From 8:30AM till 2PM. Information 717-768-3554.

WED OCT 30 - 9 AM Dairy Show. New Holland Sales Stables, Inc

WED. OCT. 30 - 9:30AM Special Public Sale of All Kinds of Farm Tractors & Machinery Absolute Sales Watch for Other Dates For Keener Eq, Inc, 1531 Manheim Pike, Lancaster, PA: 717-569-9861. C H. Wolgemuth & Blaine Rentzel, Aucts

NOVEMBER

FRI. NOV. 1 - 6PM Fall Heifer Sale at the Belleville Livestock Mkt. Selling heifers of all sizes, some Registered Mark Glick, Auctioneer.

SAT. NOV. 2 - Hubert Charolias Ranch '85 Fall Classic Located at the ranch, Monument, Kansas. Buzz Garey, Manager.

FRI. NOV. 8 - 9 AM Farm Equipment. New Holland Sales Stables, Inc., Auctioneers.

FRI. NOV. 8 - 1:30 PM Public Auction of PA State Graded Feeder Pigs Carlisle Livestock Market Inc Exit 12 off I-81. 717-249-4511.

TUES. NOV 12 - 7:30PM Feeder Sale Penns Valley Livestock Auction, Centre Hall, PA Ron Gilligan, Auct

FRI NOV. 15 - 6:30 PM Feeder Pigs & Feeder Cattle. Keister's Middleburg

SAT NOV. 16 - 11AM 91 Acre farm to be sold in 2 parcels Also Commercial Grain Dryer System to be soffered piecemeal Located along Covered Rd. Oley Twp., Berks Co, PA Terms by. Dan & Mildred Mast. HORNING FARM AGENCY, INC. Auct

FRI. NOV 22 - 12 Noon Dairy Sale. Penns Valley Livestock Auction, Centre Hall, PA Ron Gilligan, Auct

SAT NOV. 30 - 11AM Horse Sale Keister's Middleburg.

DECEMBER

FRI DEC. 13 - 1.30 PM Public Auction of PA State Graded Feeder Pigs. Carlisle Livestock Market Inc. Exit 12 off I-81. 717-249-4511.

THURS. DEC. 26 - 12 Noon Holiday Sale Penns Valley Livestock Auction Centre Hall, PA Ron Gilligan, Auct

TUES. DEC. 31 - 7 30PM Holiday Sale Penns Valley Livestock Auction, Centre Hall, PA Ron Gilligan, Auct

Dairy and Livestock Sales

DEALER IN ALL KINDS OF LIVESTOCK

Also Crippled & Down Cattle

MARLIN S. IRWIN
Quarryville, PA
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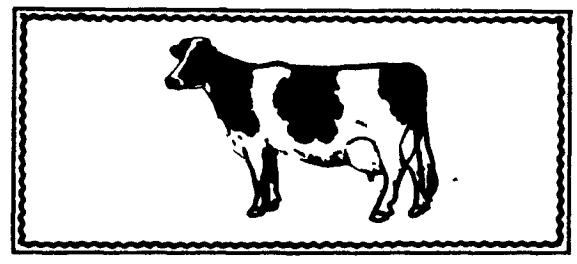


NEW HOLLAND SALES STABLES, INC.

12 Miles East of Lancaster, Pa. just off Rt. 23, New Holland, Pa.

DAIRY SALE CONSIGNMENTS
For
WEDNESDAY, AUGUST 21, 1985

1 LOAD PUREBRED & GRADE CANADIAN COWS, FRESH & SPRINGERS, CONSIGNED BY LEROY SMUCKER

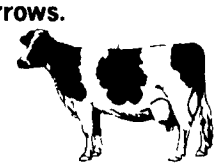
* 1 Load Fresh and Springer Cows consigned by Norman and David Kolb.
* 1 Load Fresh and Springer Cows consigned by Raymond Smucker.
* 1 Load Fresh and Springer Cows consigned by H.D. Matz.
* 1 Load Fresh and Springer Cows consigned by Merle Breneman.
* 1 Load Fresh and Springer Cows consigned by Marvin Eshleman.
* 1 Load Fresh Cows consigned by Alfred Albright.

FARM AUCTION

CATTLE, MACHINERY, PRODUCE
12 Noon
THURS., AUGUST 22, 1985
Upper Lysle, New York

Take I-81, Exit 8 (Whitney Point), then Rt. 11 to the traffic light, cross the bridge, take Rt. 26 North, go 5 miles to Upper Lysle, turn right on Hemlock Hill Rd., go 2 miles to sale (Former Larry Mullen Farm). Watch for auction arrows.

32 CATTLE 32



19 cows (18B&W, 1R&W), 2 REG., 9 fresh since May 1, bagging, 2 handling, 6 bred back; 14 heifers from started calves to breeding age. Vet preg. check on cows and heifers, 4-way shots, interstate accommodations available.

MACHINERY

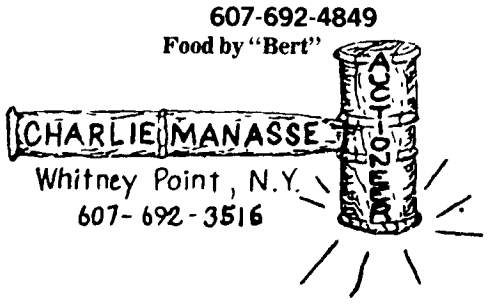
IH 756 Dsl., w/cab; JD F345H 4x16 hyd. reset plow; 12' drag; 3 pt. 2R corn planter w/ins.; 14' Tedder; JD rake; 2 kicker racks (Racks only); AC blower; some misc.

PRODUCE

About 27 acres standing corn; about 2,000 bales hay; about 7 doors haylage in a 16x50 silo.

Auctioneer's Note: Some nice cows here; be on time, it won't take long.
Terms: Cash or good check.

Selling for:
FmHA
RON VANDEBURG
607-692-4849
Food by "Bert"



UPDYKE FARMS
GWEN AND JOHN UPDYKE
COMPLETE BRED HEIFER DISPERSAL
Littlestown, Pa.

TUESDAY, AUGUST 20, 1985
8:00 P.M. D.S.T.

To be held at Smoketown Quality Dairy Sales, Smoketown, Pa. Rte. 340, 5 miles east of Lancaster, 5 miles west of Intercourse, Pa.

20 HEIFERS — 3 Registered and 17 Hi-Grades

Most Atlantic Sired. All individuals home raised. Calfhood vaccinated, TB and Blood Tested within 30 days, bred to a registered son of Marlu Titan, due from late August thru September for Fall production. May start freshening as early as August 20. They are large and of a gentle disposition. Some of these heifers Dams' milked up to 100 lbs. per day with records averaging 15,000 to 20,000 lbs. of milk sold at the creamery. Sires and Dams will be announced at the night of the sale.

In 1984 the Updykes sold their milking herd at Smoketown Dairy Sales and these are the heifers they were raising for their herd replacements. Mr. Updyke is discontinuing the dairy business.

REGISTERED HEIFERS

* Born 2-20-83, Sire-Lime Valley Lightning. Dam- Updyke Gay Lucy Indrea. Gr Sire- Harrisburg Gay Ideal.
* Born 3-2-82. Sire- Marlu Titan. Dam- Gay Lucy Indrea. Gr Sire- Harrisburg Gay Ideal. These are maternal sisters.
* Born 1-4-82. Sire- Updyke Superior Lucky King. Gr Sire- Ideal Superior. Dam- Updyke Gay King Arlene. Gr Sire of Dam- Harrisburg Gay Ideal.

Johnny Jr. is back with a top fancy load of New England Cows, Registered and Grades, milking 60 to 90 lbs.

Sample: * Reg. Fleet Ridge Monitor VG 85 pts. 2 yrs. 2 mos. 19,030 lbs. milk, 692 Fat. Dam- VG 84 pt. Elevation daughter with a test of 4.1% to 4.2% for four lactations. GrDam VG 88 pt. with a 5.1%

* Reg. 3 yr. old Marvex, just fresh with good udder.

Also Selling- 2 Grade Holstein bulls sired by Round Oak Elevation ready for service.

Cows Milked At Regular Time
Cash or Good Check Night Of Sale

Sale Manged By
SMOKETOWN QUALITY DAIRY SALES CO.
Gordon & Helen Fritz 717-393-0930
Carl Diller/Paul Snyder Auctioneers
AU000873-L
Henry Kettering
Lunch By Sublette

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Top Selection Of Purebred & Grade Cows & Heifers

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- Purebred Springing Cows
- Grade Fresh Cows
- Grade Springing Cows
- Purebred Springing Heifers
- Purebred Fresh Heifers
- Grade Fresh Heifers
- Grade Close Springing Heifers
- Short Bred Heifers
- Open Heifers
- Purebred Stock Bulls
- Grade Stock Bulls

Lancaster, PA
717-569-6800/2106
Next Sale 150 Head
Thursday, September 5, 1985
7:30 P.M.
★ Dennis Kolb, Manager ★

• TWO LOCATIONS TO SERVE YOU •

Woodsboro, MD
301-898-7720/7663
Next Sale 150 Head
Thursday, September 19, 1985
7:30 P.M.
★ Thomas Kolb, Manager ★

★ Quality Holstein Herds For Sale ★
Registered & Grades — ALL SIZES

We Will Be Happy To Discuss Dispersal Plans With You.
Call Collect 717-569-6800/2106 for further details.

COMPLETE HOLSTEIN HERD DISPERSAL

NIGHT SALE — NIGHT SALE

TUESDAY, AUGUST 27, 1985
7:30 P.M.

Directions: From Lancaster take 272 South to the Buck. At the Intersection of 372 go west approximately 4 mile to Muddy Run Park entrace & left. (Bethesda Church Road.) First farm right.

70-HEAD GRADE-PUREBRED HOLSTEIN CATTLE-70

This herd consists of 70 milk cows of which 50 are milking (18 just fresh), 20 day & due Sept., Oct., & Nov. Balance in different stages of lactation. Cows are currently milking 54.5 a day with a 3.9 test. A two year old Bull sired by: Shardale Arlinda Chief Jemini will also be sold. (DAMS RECORD IN NEXT WKS. AD)

SAMPLE OF SOME PUREBREDS

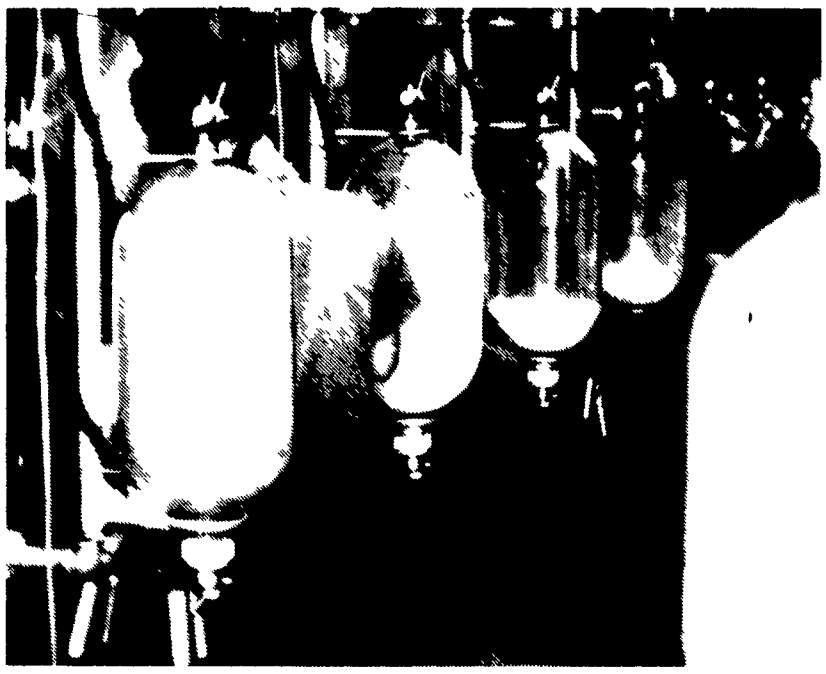
A Falcon Dter; Clinton-Camp Elevation Majesty; A Fury Dter; A Boot-Nick Dter; A Proud Performer Dter.

Blood " TB Tested w/in 30 Days of Sale
Cattle Sold Under Cover

Sale Manager: Melvin Kolb, Inc.
(717) 569-6800/2106
Auctioneer: Robert C. Mullendore AU-000744-L
Clerk: C.L. Metz

TERMS: Cash — Not responsible for accidents.

Owners: DONALD J. GROFF
(717) 284-4796



Get up to a ton of extra milk from every cow, every lactation.

Purina research has shown that just 100 to 200 pounds of additional body condition at calving can mean 1000 to 2000 pounds of extra milk the following lactation. Purina D & H Chow is especially formulated to meet a dry cow's protein, vitamin and mineral requirements during the two months before freshening when she's building 2/3 of her calf and getting her body ready for high milk production. And, there's extra phosphorus and Vitamin D to help guard against milk fever plus Vitamin A to help develop a healthy calf. Feed D & H Chow with roughage or D & H Chow Special mixed with grain for an economical ration that can mean up to a ton more milk from every cow in your herd every lactation. Stop in and find out how D & H Chow and D & H Chow Special can help you cash bigger milk checks.

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